ELSEVIER

Information Processing Letters 60 (1996) 325–336

Information Processing Letters

# Master Subject Index Volumes 51–60

15-puzzle (56) 23

2-CNF (57) 89
2-QBF (57) 89

Abduction (59) 335
Abelian groups (52) 61
Absolute 1-center (53) 109
Abstract architectures (56) 1
Abstraction (60) 201
Abstract machines (56) 201
Accepting and generating rewriting systems (54) 199
Acceptors (55) 211
Accumulations (60) 231
Adjacency list (57) 335
Advice (55) 241
Agreement (57) 329
Algebra (59) 325
Algebraic process (58) 97
Algebras (60) 237
Algorithm animation (59) 241
Algorithm complexity (51) 163
Algorithm convergence (59) 197
Algorithms (51) 17, (51) 57, (51) 121, (51) 129, (51) 149, (51) 181, (51) 207, (51) 213, (51) 237, (51) 251, (51) 265, (51) 271, (52) 15, (52) 23, (52) 61, (52) 69, (52) 77, (52) 123, (52) 161, (52) 249, (52) 259, (52) 303, (52) 309, (52) 317, (53) 33, (53) 91, (53) 109, (53) 113, (53) 177, (53) 249, (53) 333, (54) 35, (54) 55, (54) 93, (54) 97, (54) 101, (54) 111, (54) 133, (54) 139, (54) 175, (54) 193, (54) 235, (54) 241, (54) 253, (54) 301, (55) 41, (55) 53, (55) 95, (55) 105, (55) 111, (55) 149, (55) 211, (55) 323, (56) 29, (56) 51, (56) 67, (56) 77, (56) 79, (56) 89, (56) 101, (56) 123, (56) 157, (56) 165, (56) 173, (56) 215, (56) 245, (56) 281, (56) 321, (56) 329, (56) 337, (57) 41, (57) 65, (57) 197, (57) 215, (57) 297, (57) 313, (57) 321, (57) 335, (58) 5, (58) 11, (58) 43, (58) 71, (58) 97, (58) 105, (58) 111, (58) 123, (58) 129, (58) 135, (58) 181, (58) 207, (58) 217, (58) 265, (58) 277, (58) 311, (59) 1, (59) 9, (59) 21, (59) 37, (59) 41, (59) 45, (59) 53, (59) 145, (59) 223, (59) 229, (59) 233, (59) 241, (59) 261, (59) 335, (60) 29, (60) 97, (60) 115, (60) 159, (60) 165, (60) 171, (60) 189, (60) 221, (60) 243, (60) 249, (60) 267, (60) 283, (60) 295, (60) 313
Algorithms and data structures (59) 309
Alignment (51) 251
Alternation (54) 17, (56) 229
Ambiguous grammars (51) 85
Amortized analysis (55) 273, (59) 53
Amortized analysis of algorithms (52) 277
Analog circuits (60) 49
Analysis and design of algorithms (55) 171
Analysis of algorithms (51) 31, (51) 57, (51) 107, (51) 133, (51) 155, (51) 245, (51) 271, (51) 275, (51) 289, (51) 321, (52) 7, (52) 35, (52) 39, (52) 45, (52) 77, (52) 87, (52) 115, (52) 147, (52) 155, (52) 167, (52) 181, (52) 253, (53) 295, (53) 355, (54) 23, (54) 55, (54) 59, (54) 81, (54) 129, (54) 163, (54) 223, (54) 229, (54) 249, (54) 317, (54) 337, (54) 347, (55) 59, (55) 71, (55) 273, (56) 15, (56) 23, (56) 73, (56) 95, (56) 135, (56) 265, (57) 15, (57) 53, (57) 197, (57) 205, (57) 249, (57) 273, (57) 313, (58) 11, (58) 23, (58) 59, (58) 231, (59) 91, (59) 123, (59) 197, (60) 43, (60) 75, (60) 225
AND and OR gates (59) 29
AND/OR Process Model (52) 191
AND parallelism (52) 191
Anonymous rings (54) 111
Antipodal graph (51) 233
Applicative (logic) programming (52) 191
Approximate algorithms (60) 249
Approximate satisfaction (60) 201
Approximate string matching (54) 93, (55) 235, (59) 21
Approximation (57) 151, (58) 105
Approximation algorithms (54) 129, (54) 163, (54) 317, (55) 41, (55) 75, (56) 51, (56) 67
Approximation ratio (54) 223
Arithmetic chip (57) 159
Arithmetic codes (54) 213
Arithmetic threshold circuits (59) 251
Arrangements (51) 53, (51) 227
Arrangements of Jordan curves (52) 183
Array bound checks (53) 193
Arrays (55) 143
Art gallery problem (52) 69
Artificial intelligence (55) 317
Assembly planning (55) 159
Asteroidal triple-free graphs (54) 253
Asymptotic analysis (57) 307
Asymptotic probabilities in logic (58) 1
Asynchronous recovery algorithms (55) 117
Asynchronous rings (58) 319
Atomic commitment (51) 257
Authenticated encryption (58) 189
Authentication (53) 91, (53) 103, (56) 151

Elsevier Science B.V.

Authentication protocol (53) 97
Authentication protocols (56) 131
Autocorrelation polynomial (57) 307
Automata (52) 15, (56) 185
Automata theory (52) 229
Automatic theorem proving (51) 61, (51) 303, (54) 281
Automaton (58) 43
Automorphisms (51) 35
Availability (51) 1
Average case analysis (51) 275, (55) 179
Avoiding rabbits (53) 141

B-trees (57) 53
Back to back $d$-ary tree (59) 85
Backtracking search (58) 311
Balanced matrices (54) 133
Bandwidth (55) 71
Basic CCS (52) 333
Bayonet code (55) 185
BCH code (51) 117
BDDs (51) 265
Bernoulli model (57) 307
Best-first search (52) 295
Beta reduction (54) 45
Biased coins (56) 245
Biconnected component (60) 159
Biconnected components (56) 37
Biconnected graphs (51) 121, (59) 145
Biconnectivity (59) 1
Binary tree (52) 243, (53) 201, (54) 69
Binary tree enumeration (51) 125
Binary trees (59) 309, (60) 313
Bin packing (59) 229
Bipartite graphs (59) 289
Bipartite permutation graphs (55) 259, (56) 165
Bit-reversal (60) 151
Block sensitivity (59) 151
Boolean circuit (57) 117
Boolean complexity (59) 29
Boolean functions (52) 325, (57) 31, (57) 261, (59) 151, (59) 251, (60) 49, (60) 215, (60) 271
Branching bisimilarity (58) 141
Branching process (56) 281
Branching programs (51) 265
Breadth-first search (55) 99, (56) 101, (60) 159
Brittle graph (60) 29
Broadcast communication (60) 81
Broadcasting (51) 35, (59) 85
Büchi-automata (54) 17
Butterfly graph (51) 175
Butterfly networks (55) 195

Caching (57) 75
Calculational proofs (53) 141
Call control (56) 173
Cantor topology (60) 201
Cartesian tree (52) 253
Cartography (52) 161
Causal precedence (54) 267
Cause-effect structure (59) 325
Cayley graph (54) 329, (57) 183
Cayley graphs (51) 175, (60) 177
CCS (58) 97
Cellular automata (53) 27
Center (51) 121, (57) 175, (59) 145
Chain code (58) 75
Channel routing (55) 223
Chordal bipartite graphs (55) 11
Chordal completion (56) 115
Chordal graphs (54) 249, (58) 111
Chromatic number (60) 249
Circles (56) 157
Circuit complexity (53) 321, (59) 29
Circuit-switched network (51) 237
Circular convex bipartite graph (56) 215
Clique approximation (58) 39
Clique independence (58) 181
Clique separators (54) 249
Clique transversal (58) 181
Clocks (52) 105
Clock synchronization (54) 259
Closeness (54) 179
Closure reduction (56) 1
Clustering (53) 217
Cocomparability graphs (57) 287
Code (60) 1
Coded rewriting (60) 237
Code generation (60) 115
Code having no finite completions (55) 185
Code hoisting (53) 193
Code optimization (53) 193, (60) 115
Codes (58) 297
Coding theory (54) 55
Coequalizer (60) 59
Combinational problems (59) 1
Combinatorial algorithms (52) 243, (53) 55
Combinatorial enumeration (51) 111, (51) 129
Combinatorial geometry (58) 245
Combinatorial optimization (54) 317, (57) 165, (59) 295
Combinatorial problems (51) 125, (51) 133, (51) 171, (51) 175, (51) 219, (51) 227, (52) 23, (52) 45, (52) 87, (52) 109, (52) 215, (52) 239, (52) 243, (52) 289, (52) 303, (52) 325, (53) 69, (53) 109, (53) 177, (53) 337, (53) 347, (54) 35, (54) 55, (54) 59, (54) 97, (54) 101, (54) 155, (54) 169, (54) 187, (54) 249, (54) 307, (54) 317, (55) 123, (55) 171, (55) 217, (55) 309, (56) 101, (56) 299, (57) 47, (57) 175, (57) 197, (57) 261, (58) 1, (58) 11, (58) 71, (58) 105, (59) 19, (59) 185, (59) 295, (59) 331, (60) 53, (60) 91, (60) 165, (60) 171, (60) 215, (60) 225, (60) 271
Combinatorics (56) 45, (56) 249
Combinatorics on words (55) 185
Combining networks (55) 195
Communication complexity (56) 191
Communication graphs (60) 7

Communication networks (55) 291
Communication operations (58) 303
Compacted cells (58) 265
Compact sets (57) 335
Competitions method (53) 315
Competitive analysis (55) 59, (56) 135, (58) 231, (60) 75
Competitiveness (52) 131
Competitive ratio (51) 155
Competitivity factor (52) 277
Compilers (52) 61, (52) 91, (53) 269, (54) 323, (56) 221, (58) 177, (60) 115
Complete binary tree (55) 53
Complete decoding (51) 117
Complete equational axioms (52) 333
Completeness (53) 145
Complete sets (59) 335
Complexity (53) 55, (56) 237, (58) 111, (58) 135
Complexity class (58) 249
Complexity classes (55) 81
Computational complexity (51) 7, (51) 61, (51) 79, (51) 101, (51) 111, (51) 149, (51) 195, (51) 321, (52) 57, (52) 87, (52) 161, (52) 175, (52) 183, (52) 229, (52) 235, (52) 329, (53) 11, (53) 27, (53) 61, (53) 217, (53) 295, (53) 315, (53) 321, (53) 333, (54) 9, (54) 41, (54) 73, (54) 155, (54) 169, (54) 179, (54) 281, (55) 27, (55) 45, (55) 155, (55) 159, (55) 171, (55) 179, (55) 241, (56) 109, (56) 147, (56) 191, (56) 229, (56) 253, (56) 329, (57) 9, (57) 17, (57) 31, (57) 137, (57) 151, (57) 189, (57) 237, (57) 291, (58) 23, (58) 31, (58) 35, (58) 39, (58) 43, (58) 105, (58) 285, (59) 19, (59) 29, (59) 169, (59) 203, (59) 211, (59) 233, (59) 251, (59) 273, (60) 13, (60) 49, (60) 143, (60) 295
Computational geometry (51) 53, (51) 181, (51) 189, (51) 227, (51) 289, (52) 51, (52) 69, (52) 109, (52) 161, (52) 183, (52) 215, (53) 177, (53) 217, (53) 295, (53) 359, (55) 75, (55) 159, (55) 309, (56) 9, (56) 45, (56) 157, (56) 255, (56) 273, (57) 129, (57) 165, (57) 231, (57) 253, (57) 313, (58) 245, (58) 277, (59) 175, (59) 207, (59) 223, (59) 255, (59) 261, (60) 13, (60) 97, (60) 121, (60) 195
Computational learning (52) 167
Computational learning theory (51) 157, (51) 245, (57) 189
Computational lower bounds (56) 229
Computer architecture (51) 175, (51) 237, (54) 11, (54) 81, (54) 329, (55) 53, (55) 137, (55) 195, (56) 273, (57) 159, (60) 177
Computer architectures (59) 85
Computer arithmetic (51) 163, (52) 1, (60) 267
Computer graphics (55) 65
Computer networks (52) 7
Computer vision (51) 25, (58) 129
Concept learning (54) 157
Concurrency (51) 43, (52) 99, (52) 285, (52) 333, (53) 341, (54) 121, (54) 139, (59) 31, (59) 179, (59) 245, (59) 325, (60) 129, (60) 151, (60) 289
Concurrency control (51) 257
Concurrency theory (58) 141
Concurrent systems (55) 33
Concurrent writing (56) 59
Connected components (56) 37
Connected domination (56) 101
Connected graphs (60) 225
Connectivity (53) 277, (55) 53
Consistency (60) 59
Consistency conditions (57) 243
Consistent cut (55) 117
Constraint preservation (55) 143
Constraint satisfaction (55) 171
Constructor systems (52) 137
Contention resolution (52) 7
Context-free grammars (58) 87
Context-free languages (54) 229
Continuous media (57) 75
Control flow graph (53) 193, (60) 249
Control flows (54) 267
Convergence (52) 99
Convex bipartite graph (56) 215
Convex graphs (59) 289
Convex hulls (56) 157, (59) 255
Convexity (56) 45, (59) 175
Convex optimization (54) 97
Core (51) 223
Coterie (51) 1
Counterfeit coins (51) 213
Counting algorithm (57) 17
Counting classes (55) 241
Counting cycles (52) 249
CRCW PRAMs (56) 59
Crossbar (57) 103
Cryptanalysis (53) 103, (56) 73
Cryptography (51) 163, (52) 201, (52) 325, (53) 49, (53) 91, (55) 189, (56) 249, (57) 49, (57) 261, (60) 215, (60) 261, (60) 271
Cryptosystems (56) 73
*CTL* (54) 343
Cube roots (51) 117
Currying (54) 45
Cuts in a graph (59) 41
Cycles (53) 255

DACTL (60) 109
Data allocation (53) 113
Data authentication (55) 167
Database query (57) 95
Databases (51) 295, (53) 301, (55) 279, (55) 283, (56) 209, (57) 1, (57) 95, (58) 123, (58) 211, (60) 19, (60) 37
Database systems (51) 257
Data compression (58) 201, (59) 91
Data dependency graph (52) 191
Dataflow testing (55) 143
DATALOG $^{\neg}$ (58) 249
Datalog linearization (54) 105
Data management (51) 265, (53) 113
Data modelling (60) 19
Data processing (51) 265, (57) 75
Data skew (55) 283
Data structures (51) 11, (51) 57, (51) 107, (51) 129, (51) 271, (51) 283, (52) 1, (52) 77, (52) 147, (52) 243, (52) 303, (53) 85,

(53) 201, (54) 81, (57) 109, (57) 225, (57) 313, (58) 201, (58) 217, (58) 231, (60) 151
Data types (53) 287, (60) 59
De Bruijn (53) 255
Deadlock detection (51) 295, (55) 265
Deadlock resolution (55) 265
DeBruijn and Kautz digraphs (57) 265
Deciphering delay (58) 297
Decision questions (59) 13
Decision trees (52) 329
Decompositions (52) 215
Degeneracy (54) 275
Delaunay triangulation (54) 275, (57) 129
Denotational semantics (59) 135, (60) 289
Dependency relation (55) 211
Depth (57) 117
Depth-first search (52) 295, (57) 287, (60) 7
Depth of collision (51) 181
Depth sequences (57) 165
Derandomization (60) 91
Descriptive complexity (53) 337
Design and analysis of algorithms (52) 109
Design heuristics (60) 207
Design of algorithms (51) 31, (52) 7, (52) 207, (52) 295, (54) 59, (54) 85, (54) 121, (54) 157, (55) 11, (55) 99, (55) 105, (55) 223, (55) 235, (55) 291, (56) 179, (56) 273, (57) 151, (57) 313, (58) 171, (59) 197
Design quality (58) 271
Diameter (53) 277, (56) 259, (57) 183
Dimension types (52) 61
Directed acyclic graph (58) 211
Directed acyclic graph (dag) (51) 315
Directed graphs (51) 149
Discrete event simulation (54) 121, (59) 191
Discrete logarithm problem (53) 243
Discrete mathematics (56) 299
Discrete minimization (56) 51
Disk scheduling (54) 355
Distance geometry (55) 309
Distance metric (60) 283
Distance-three codes (55) 123
Distance-transitive graph (51) 233
Distributed algorithms (55) 265, (58) 319, (60) 7, (60) 207
Distributed computation (51) 93, (54) 267
Distributed computing (52) 99, (52) 105, (53) 261, (54) 121, (54) 147, (54) 259, (54) 347, (55) 89, (57) 243, (57) 279, (57) 301, (57) 329, (58) 47, (58) 81, (59) 191, (59) 281, (59) 317, (60) 109
Distributed graph algorithms (59) 145
Distributed-memory multiprocessors (53) 261
Distributed shared memory (57) 243
Distributed systems (51) 1, (51) 35, (51) 257, (53) 49, (53) 113, (54) 327, (55) 1, (55) 117, (55) 167, (55) 229, (55) 265, (56) 19, (56) 131, (56) 151, (58) 17, (59) 31, (60) 7, (60) 43, (60) 67
Distribution (51) 17
Divide and conquer (56) 23
Divide-and-conquer (59) 45
Division (51) 163
Division property (54) 307
DNA computing (59) 129
DNF formulae (52) 167
Domination (52) 309, (54) 253
Don't care characters (55) 235
Duo (59) 165
Dynamic graphs (59) 53
Dynamic priority-ordering problem (51) 155
Dynamic programming (52) 31, (53) 333, (56) 45
Dynamic text compression (59) 169
Dynamic threshold scheme (52) 201
Dynamic topological-sorting problem (51) 155

$\epsilon$-cuttings (51) 227

EOL (53) 11
Edge coloring (54) 163
Edge domination (56) 165
Edit distance (51) 251
Efficient algorithms (55) 11
Egli–Milner order (59) 159
Element Distinctness Problem (59) 203
Elimination tree (56) 115
Elliptic curve (53) 77
Embedding (54) 69, (57) 265
Embeddings (58) 117
Emptiness (52) 57
Emulation (53) 277
Encryption/decryption (53) 103, (56) 151
Entropy (57) 211
Enumeration (52) 325, (57) 261, (60) 215, (60) 271
Equality reasoning (51) 61
Equational reasoning (53) 137, (53) 145
Equational semi-unification (52) 61
Equations (60) 237
Equivalence (52) 285
Equivalence covering (54) 301
Equivalence notions (59) 179
Equivalence problem (57) 125
EREW computational model (56) 83
EREW PRAM (59) 117
Error correcting codes (56) 89
Estimating (53) 17
Euclidean distance map (51) 25, (54) 295
Euclidean distance transform (58) 129
Euclidean plane (56) 255
Euclidean Traveling Salesman Problem (51) 141
Evaluation of fixpoint expressions (59) 303
Events (60) 19
Everywhere operator (58) 237
Exceptions (53) 159
Expander (51) 315
Expected case analysis (56) 265
Expected maximum number of edge-disjoint $s$–$t$ paths (51) 195
Experts' opinions (52) 273, (57) 25

Expression evaluation (59) 267
Expressive power (56) 209, (58) 249
Extended Horn formulas (54) 133
Extensions (60) 59
Extremal sets (56) 337

*F*-free (57) 47
*f*-matchings (57) 83
Failure probability (53) 307
Fairness (55) 33
Fat objects (60) 121
Fault-containment (59) 281
Fault tolerance (51) 1, (51) 35, (51) 93, (52) 23, (52) 99, (52) 131, (53) 277, (54) 329, (56) 259, (57) 189, (57) 265, (57) 301, (57) 329, (59) 31, (59) 217
Fault-tolerance (59) 281
Fault tolerant routing (56) 29
FFT (53) 255
Fibonacci numbers (51) 107
Fibonacci word (54) 307
FIFO message delivery (53) 261
File geometry (57) 75
File systems (57) 75
Fill (56) 115
Final algebra (51) 303
Finite automata (56) 237, (57) 65, (58) 185
Finite model theory (53) 337
Finite points in the plane (59) 331
Finitistic methods (58) 1
First-order logic (60) 37
Fixed degree (54) 329, (57) 183
Fixed-parameter tractability (58) 171
Fixed routing (51) 93
Fixpoint semantics (60) 289
Floating-point arithmetic (57) 159
Flow analysis (59) 9
Formal development (55) 201
Formalism (57) 1
Formal languages (51) 67, (51) 85, (52) 91, (52) 229, (52) 289, (52) 323, (52) 333, (53) 11, (53) 209, (53) 237, (53) 269, (54) 17, (54) 105, (54) 199, (54) 307, (54) 313, (54) 323, (55) 185, (55) 217, (56) 185, (56) 197, (56) 201, (56) 229, (56) 293, (57) 71, (57) 125, (58) 75, (58) 185, (58) 195, (58) 297, (59) 13, (59) 129, (60) 1, (60) 53, (60) 201
Formal power series (56) 293
Formal proofs (53) 141
Formal semantics (51) 201, (52) 91, (53) 159, (53) 165, (53) 269, (53) 341, (55) 57, (55) 229, (56) 141, (57) 15, (58) 141, (59) 159, (59) 179, (60) 289
Formal specifications (53) 287, (60) 59
Formula manipulation (53) 141
Fossil collection (59) 191
Fractal geometry (58) 297
Fractals (60) 261
Frameworks (55) 309
Fully abstract semantics (60) 289
Functional programming (51) 201, (53) 153, (55) 65, (57) 15, (58) 157
Fuzzy clustering (52) 259
Fuzzy membership (52) 259

Game theory (57) 17
Game tree (56) 89
Gap (56) 191
Gap theorem (57) 279
Garbage collection (55) 229, (56) 1
Generalized ranking (56) 321
Generating functions (51) 129, (54) 229, (57) 307
Genetic algorithms (56) 77, (56) 281, (58) 123
Geometric graphs (59) 331
Gibbs sampling (51) 251
Global serializability (51) 257
Grammar coverings (51) 85
Graph (55) 41
Graph algorithms (51) 207, (52) 309, (54) 301, (55) 99, (56) 165, (56) 343, (58) 171, (60) 97
Graph bisection (52) 259
Graph closure (57) 291
Graph coloring (51) 171
Graph drawing (55) 309, (57) 231, (57) 253, (60) 97
Graph embedding (55) 309, (59) 217
Graph isomorphism (51) 61
Graph modification problems (58) 171
Graphs (56) 321, (57) 335, (59) 85
Graph spanners (51) 289
Graph theory (52) 265, (52) 317, (54) 35, (54) 249, (55) 71, (56) 83, (56) 299, (57) 41
Greedy algorithm (56) 23
Greedy routings (59) 185
Greedy triangulation (57) 129
Grid embedding (60) 255
Guessing attacks (55) 167
GVT (59) 191

H system (59) 129
Hamiltonian circuit (52) 183, (56) 215, (57) 265
Hamiltonian completion number (56) 299
Hamiltonian curve (60) 13
Hamiltonian cycles (51) 175, (55) 53, (57) 225, (60) 313
Hamiltonian path (56) 299, (59) 207
Harmonic analysis (59) 151
Hashing (51) 283
Haskell type classes (52) 57
Hazard (56) 77
Heap (60) 151
Heap-ordered deque (52) 253
Heap-ordered trees (51) 129
Heuristics (53) 141, (53) 229, (54) 317
Heuristic search (55) 317
Hexagonal grids (55) 223
Hidden line elimination (60) 195
Hierarchial systems of equations (59) 303

Higher dimensions (51) 289
Histogram equalization (55) 283
Hoare logic (60) 237
Hole (57) 47
Horn sets (54) 235
Horton–Strahler number (52) 155, (56) 95
Huffman tree (51) 107
Human factors (53) 137
Hypercube (51) 237, (53) 33, (54) 69, (55) 53, (59) 185, (59) 217
Hypercubes (53) 153, (54) 223, (55) 49, (58) 117
Hypergraph (58) 55
Hyper-rings (58) 117

Image analysis (60) 255
Image processing (51) 25, (54) 295, (58) 129
Implementation (58) 163
Incomplete information (56) 209
Inconsistency analysis (57) 25
Incremental (55) 111
Incremental algorithms (59) 53
Incremental convex arrangements (51) 227
Independence (51) 17
Independent domination number (55) 123
Independent set (59) 289
Independent sets (58) 207
Index (54) 105
Indifference graphs (56) 179
Inductive inference (53) 1, (54) 205, (58) 97
Infinitary logics (60) 129
Infinite computations (60) 289
Infinite word (60) 1
Infinite words (56) 197
Information content (57) 211
Information dissemination (51) 35, (54) 223
Information retrieval (53) 85, (53) 177, (53) 301, (54) 355, (55) 105, (57) 211, (58) 201, (60) 305
Information theory (51) 73, (52) 201, (55) 189, (57) 49
Inner product (57) 159
Integer multiplication (51) 265
Interactive proofs (53) 27, (53) 61, (57) 237
Interactive proof system (58) 135
Interconnection network (51) 233, (51) 237, (53) 33, (54) 329, (58) 81, (59) 217
Interconnection networks (53) 255, (54) 11, (55) 137, (56) 29, (57) 183, (59) 317, (60) 177, (60) 255
Internalization (60) 59
Internal path length (51) 129
Internet (53) 97
Interpolation (60) 59
Interpretations (60) 59
Interval graph (56) 37, (56) 299, (59) 97
Interval graphs (55) 99, (56) 179
Intrees (58) 255
I/O automata (59) 245
Irredundant form (53) 347
Iso-oriented rectangles (60) 195

Iterated function systems (58) 297
Iteration (52) 333, (56) 315
Iterative algorithms (59) 197

Join (55) 251
Judgement inconsistency (52) 273

*k*-coterie (59) 31
*k*-dimensional packing (55) 17
*k*-mutual exclusion (59) 31
*k*th element (53) 37
Kautz (53) 255
Kernels (51) 149
Key distribution protocols (53) 49
Key exchange (53) 91
Knowledge acquisition (52) 273, (57) 25
Knowledge representation (60) 19
Kolmogorov complexity (51) 311, (57) 59
Kraft–McMillan's inequality (53) 201

Lagrange interpolating polynomial (55) 247
Lambda calculus (54) 45, (58) 157
Language processors (53) 229
Latin squares (55) 123
Lattice (60) 283
Layout (55) 309
LCS (51) 251
LCSS (51) 251
Leader election (59) 281
Leaf language classes (59) 211
Learnability (59) 19
Learning algorithms (59) 37
Learning with queries (56) 15
Level-index system (52) 1
Lexicographical order (56) 321
Lexicographic order (56) 337
Limited 0L systems (59) 13
Linear algebra (51) 17
Linear algorithms (60) 29
Linear arithmetic constraints (55) 111
Linear congruences (56) 73
Linear logic (60) 19
Linear programming (52) 109, (56) 79
Linear time simulation (52) 15
Line graph (56) 299
List searching (52) 277
List update (52) 115, (56) 135, (60) 75
Literal shuffle (59) 165
Liveness (59) 245, (60) 201
Load balancing (52) 181
Local and global triad inconsistency (59) 197
Local search (53) 69, (57) 151
Location problem (51) 223
Location problems (56) 67
Logic (53) 145, (58) 237
Logical definability (57) 59
Logic programming (58) 163, (58) 249

Logic simulation (54) 23
Log-space complete problem (53) 315
Longest fragment first (59) 91
Loop invariants (53) 193
Loopless generation (52) 243
Low density (60) 121
Lower bounds (52) 329, (53) 17, (54) 289, (56) 23, (56) 147, (57) 103, (58) 31
Lower envelopes (56) 157
Lowest common ancestor (51) 11
LRU stack (54) 81
Lucas function (53) 243
Lucas problem (53) 243
LUC system (53) 243

μ-calculus (58) 97

Machine learning (57) 189
Makespan (60) 189
Makespan scheduling (57) 297
Manhattan distance (56) 23
Many-face complexity (51) 227
Mapping (60) 177
Marked graphs (55) 211
Massively parallel (60) 255
Matching (55) 41
Mathematical methods (55) 291
Mathematical techniques (51) 73
Matrix searching (58) 129
Matroid (53) 55
Maximal independent set (58) 55
Maximality problems (52) 265
Maximal matching (52) 223, (55) 303, (56) 343
Maximum finding (52) 7, (58) 319, (60) 81
Maximum generalized satisfiability (57) 151
Maximum independent set (54) 317
Maximum matching (56) 215, (57) 321
Median (57) 175
Meldable priority queues (57) 109
Merging (60) 183
Meshes of trees (55) 49
Message complexity (57) 279, (58) 319
Message-passing programs (53) 261
Message recovery (58) 189
Message terminating algorithms (54) 111
Methodology of science (53) 1
Metric spaces (56) 265
Minimal programs (53) 1
Minimization (57) 65
Minimum clique cover (57) 287
Minimum diameter spanning tree (53) 109
Minimum link path (55) 75
Minimum weight feedback vertex set (52) 123
Minimum weight triangulation (56) 255, (57) 129
Minimum weight triangulations (57) 253
Modal clauses (54) 281
Modal logic (57) 1
Modal mu-calculus (54) 17
Mod classes (55) 27
Model-checking (59) 303
Modeling (51) 295, (54) 355
Model theory (60) 37
Modular decomposition (60) 29
Modularity (53) 223, (60) 59
Modular multiplication (51) 163
Modulo functions (56) 15
Monotone circuit (57) 117
Monotone complexity (59) 29
MONSTR (60) 109
Monte Carlo method (51) 251, (57) 25
Morphisms (54) 187
Motion planning (55) 159, (60) 121
Multibounds (60) 207
Multibus (54) 11
Multicast tree (54) 223
Multi database systems (51) 257
Multimedia (53) 301
Multiobjective optimization (55) 317
Multiobjective search (58) 11
Multiple assignment (58) 177
Multiple search problem (58) 65
Multiply-addition (60) 267
Multiply-twisted hypercube (53) 33
Multiprocessors (54) 11, (58) 87
Multiprogramming (60) 207
Multi-query (55) 251
Multi-Ring Network (58) 17
Mutual exclusion (57) 301
Mutual exclusion algorithms (56) 19

$n$-Bayonet code (55) 185
$n$-cube (55) 123
$N$-dimensional torus (52) 35
$(n^2 - 1)$-puzzle (56) 23
*NC* (55) 303
NC algorithms (60) 243
Nearest neighbour search (56) 265
Nearly optimal edge search (56) 233
Network reliability (58) 71
Networks (52) 105
Neural nets (56) 201
Neural networks (54) 317, (56) 253
Node-disjoint path (53) 277
Node disjoint paths (56) 29
Node symmetry (56) 259
Noise (54) 157
Non-determinism (60) 289
Nondeterministic (58) 177
Nondeterministic functions (58) 35
Normal modal logics (54) 281
NP (55) 81
NP-completeness (52) 183
NP-hard (55) 17, (56) 51
Number theoretic algorithms (58) 59

Numerical computation (57) 159
Numerical robustness (54) 275
Nuts and bolts (59) 123

Object data management (58) 211
Object-oriented databases (58) 123
Object-oriented design (58) 271
Object-oriented metric (58) 271
Observable event (54) 267
Off-line algorithms (60) 75
Off-line routing (57) 215
One-way function (55) 247, (58) 285
One-way hash functions (55) 167
On-line (59) 91
On-line algorithms (51) 219, (51) 275, (52) 39, (52) 51, (52) 131, (53) 355, (55) 17, (55) 59, (55) 273, (56) 135, (57) 249, (60) 75
On-line and off-line computation (59) 169
On-line search (58) 311
Operating systems (54) 139, (57) 205
Optical storage (53) 301
Optimal algorithm (51) 223
Optimal algorithms (56) 343
Optimal routing (54) 329
Optimal strategy (57) 17
Optimization (53) 229, (54) 73, (55) 251, (58) 11, (58) 177
Optimization of test suite (60) 135
Oracles (53) 61
Order statistics (56) 123
Orientation (54) 111
Orthogonal arrays (60) 91
Overloading (57) 9

#P-completeness (51) 111
#P-complete problems (51) 149
P (55) 81
P-completeness (57) 291
P-selective sets (54) 179
Packet radio networks (55) 291
Packet store rewriting (60) 109
PAC learning (54) 157
Pairwise comparisons (57) 25
Parabolas (56) 157
Parallel (58) 177
Parallel algorithm (54) 295
Parallel algorithms (51) 11, (51) 25, (51) 31, (51) 223, (52) 7, (52) 31, (52) 223, (52) 239, (52) 265, (52) 277, (53) 37, (53) 153, (53) 229, (53) 329, (54) 1, (54) 23, (54) 213, (55) 25, (55) 259, (55) 303, (56) 37, (56) 59, (56) 83, (56) 233, (56) 273, (56) 307, (56) 343, (57) 83, (57) 89, (58) 55, (58) 65, (58) 87, (58) 117, (58) 149, (58) 255, (58) 303, (59) 117, (60) 81, (60) 177, (60) 183, (60) 255
Parallel and regulated rewriting (54) 199
Parallel complexity (57) 291
Parallel computation models (58) 303
Parallel computations (53) 5, (59) 267
Parallel computing (54) 121
Parallel data transfers (54) 163
Parallel evaluation of logic programs (52) 191
Parallel I/O (54) 163
Parallelism (58) 255
Parallel join algorithm (55) 283
Parallel processing (51) 101, (51) 233, (52) 35, (53) 277, (54) 23, (54) 147, (54) 163, (54) 175, (55) 49, (56) 115, (56) 221, (57) 35, (57) 103, (59) 191, (59) 217, (60) 243, (60) 255
Parallel recognition (54) 1
Parallel tasks (57) 35
Parametric search (53) 217, (54) 97
Parentheses (60) 283
Parser generating systems (51) 85
Parsimonious (59) 335
Parsing (58) 87, (59) 91
Partial functions (54) 65
Partially dynamic graph algorithms (58) 149
Partial order semantics (55) 33
Partial sums problem (53) 201
Partition (56) 51
Partition testing (57) 145
Password authentication (55) 247
Passwords (55) 167
Password table (55) 247
Path (52) 191
Path equivalence (58) 43
Path length (59) 309
Path matching (55) 41
Path-partition (52) 317
Pattern matching (53) 209, (54) 85, (54) 101
Pattern occurrence (57) 307
Pattern recognition (59) 223
Patterns (57) 125
Perfect (57) 47
Perfect graphs (54) 1, (60) 221
Perfect hashing (51) 283
Perfect powers (58) 59
Performance analysis (57) 15
Performance evaluation (52) 273, (53) 307, (54) 11, (54) 147, (55) 273, (57) 205, (59) 197
Permutation (57) 215
Permutation capability (51) 237
Permutation graph (52) 123, (59) 97
Permutation graphs (56) 83, (57) 287, (57) 321
Permutation routings (59) 185
Permutations (60) 165
Persistent search tree (58) 277
Petri net (59) 325
Petri net languages (56) 237
Petri nets (55) 33
Phase synchronization (60) 207
Picture languages (58) 75
Pipelining (55) 251
Point location (60) 121
Point sets (53) 177, (56) 255
Point-to-point connection problem (53) 333
Polygonal chains (51) 53

Polygon containment (59) 261
Polygonizations (57) 165
Polymorphic recursion (52) 61
Polynomial algorithm (59) 295
Polynomial hierarchy (58) 35
Polynomials (58) 31
Polynomial time algorithm (51) 141
Polynomial-time many-one completeness (59) 211
Polynomial transformation (51) 195
Polyomino (57) 175
Positive programmed grammars (54) 105
PP (55) 81
PRAM (54) 295
PRAM algorithms (59) 289
Predicate algebra (58) 237
Predicate calculus (60) 207
Preemptive scheduling (57) 35
Prefix code (52) 1
Prefix sum (53) 153
Prefix summation (56) 59
Prime implicants (53) 347
Primitive computable functions (56) 315
Priority assignment (53) 249
Priority queue (60) 151
Privacy homomorphisms (60) 277
Private-key cryptosystems (56) 249
Probabilistic analysis (51) 289, (52) 155, (54) 337, (56) 95
Probabilistic analysis of algorithms (55) 17
Probabilistic graph (51) 195
Probabilistic Turing machines (56) 245
Probability (51) 129
Probability analysis (54) 337
Probability asymptotics (57) 59
Probability density function (51) 195
Probability distribution function (51) 195
Probability of success (60) 43
Process synthesis (58) 97
Program analysis (55) 143, (58) 163
Program correctness (53) 165, (53) 287, (53) 329, (54) 65, (55) 57, (56) 221, (59) 159
Program derivation (52) 15, (53) 131, (53) 137, (53) 153, (53) 159, (60) 67, (60) 207
Programming calculi (52) 333, (53) 123, (53) 131, (53) 153, (53) 159, (53) 165, (58) 157, (60) 129
Programming languages (51) 201, (52) 61, (52) 137, (55) 229, (57) 15, (58) 157, (58) 163, (60) 109
Programming systems (54) 205
Program simplification (56) 307
Program specification (53) 223, (53) 287, (54) 343, (55) 201, (60) 67
Projection reduction (57) 117
Proof by consistency (51) 303
Proof derivation (53) 141
Proof design (53) 137, (53) 141
Proof graphs (59) 335
Proof methodology (53) 329
Proper interval graphs (55) 99
Protocol engineering (55) 1
Protocol verification (55) 1
PSPACE-completeness (53) 11
Public key (56) 73
Public key cryptography (56) 131, (58) 189
Public key cryptosystem (PKC) (53) 97, (53) 243
Pursuit-evasion (58) 5
Pushdown automaton (58) 195
Pushout (60) 59
Pyramid mode (53) 37

Quantified boolean formula (57) 89
Query (60) 37
Query containment (57) 95
Query cost (53) 301
Query languages (56) 209
Query optimization (58) 123
Query processing (53) 301

Ramsey theory (58) 39
Random (51) 251
Random binary trees (52) 155, (56) 95
Random graphs (52) 207
Randomization (51) 219
Randomized algorithm (53) 217, (56) 79
Randomized algorithms (51) 17, (51) 31, (56) 245
Randomness (53) 17, (57) 237
Random testing (57) 145
Random variables (51) 17
Range-join algorithm (52) 35
Range searching (60) 121
Rank of a matrix (56) 191
Rational languages (60) 1
Rational transductions (56) 293
Reachability proofs (53) 27
Real-number representation (52) 1
Real-time (53) 249
Real-time algorithm (56) 23
Real-time systems (53) 123, (54) 139, (54) 355, (55) 129, (55) 201, (58) 223
Recognition algorithms (54) 193
Reconfigurable mesh (58) 65
Reconfigurable mesh-connected computer models (55) 137
Rectangular obstacles (52) 51
Rectilinear polygons (52) 215
Recurrence (59) 45
Recursion theory (53) 1
Recursively enumerable sets (58) 195
Reducibilities (56) 109
Reducibility (58) 35
Reference count (55) 229
References and assignment (51) 201, (57) 15
Refinement (55) 201
Register allocation graph (RAG) (60) 249
Regression testing (60) 135
Regular bipartite graph (59) 97
Relational database (58) 249

Relational databases (52) 35, (57) 1, (60) 37
Relational semantics (53) 5
Relativised separations (55) 27
Renaming (54) 235
Replication (53) 113
Residue number system (51) 163
Residue number systems (54) 213
Rigidity (55) 309
Ring (59) 217
Ring network (58) 17
Riordan arrays (57) 53
*RNC* (55) 303
Robotics (51) 25, (51) 181, (58) 5
Robot navigation (52) 51
Routing (53) 277, (56) 259, (58) 81
Routing algorithms (55) 53, (58) 17
Routing model (57) 215
Routing number (57) 215
RSA (53) 77

Safety (60) 201
Safety/security in digital systems (51) 73, (52) 201, (53) 77, (53) 307, (54) 213, (55) 189, (58) 189, (58) 285, (58) 293, (60) 277, (60) 301
Sample space (51) 17
Sampling (53) 17
Satisfiability (54) 133, (54) 235, (57) 89
Scheduling (51) 219, (51) 315, (53) 249, (54) 155, (54) 163, (56) 173, (58) 223, (58) 255
Schema (56) 77, (56) 281
Schema processing (56) 281
Scientific computation (57) 159
Searching (52) 115
Search tree (52) 253
Secret-key cipher (60) 43
Secret reconstruction (55) 45
Secret sharing (55) 45, (58) 293, (60) 301
Security in digital systems (53) 49, (55) 167, (55) 247, (56) 131, (56) 151, (57) 49
Seek time (57) 273
Segment intersection (58) 245
Selection (56) 123, (59) 117
Selectivity (55) 81
Self-adjusting lists (58) 231
Self-reducibility (55) 81
Self-stabilization (54) 259, (54) 327, (55) 89, (59) 281
Self-stabilizing systems (57) 301
Sensitivity (59) 151
Separability (53) 177
Sequence analysis (54) 267
Sequence comparison (54) 85
Sequential composition (59) 135
Sequential search (60) 75
Server problem (57) 249
Set covering (60) 135
Set-theoretic algorithms (56) 337
Shared memory (55) 89, (55) 195
Share size (60) 301
Shortest path (51) 141, (57) 313
Shortest paths (52) 77, (55) 259
Shortest routing (57) 183
Shuffle (59) 165
Signature files (60) 305
Sign detection (51) 163
Simple homomorphisms (60) 201
Simple polygon (55) 75, (59) 207
Simplex algorithm (56) 79
Simulation (52) 207
Single layer routing (58) 265
Single processor (54) 155, (57) 297, (60) 189
Size-depth trade-offs (59) 251
Slicing (56) 307
Smallest enclosing circle (53) 217
Snapshot problem (58) 47
Software design and implementation (53) 287
Software engineering (53) 287, (55) 1, (55) 57, (55) 143, (57) 145, (58) 271, (60) 59
Software metrics (60) 143
Software testing (57) 145, (60) 135
Solution accuracy (57) 25
Sorted matrix (59) 117
Sorting (56) 253, (59) 123, (60) 165, (60) 183
Soundness (53) 145
Spanning tree (51) 121, (52) 45, (53) 55, (56) 83, (59) 145
Sparse matrix (56) 115
Sparse polynomials (54) 337
Sparse sets (54) 179, (56) 109
Specification languages (53) 123, (53) 341, (54) 65, (54) 343, (55) 201, (58) 237, (59) 135, (60) 19
Splicing operation (59) 129
Split graphs (54) 1
Splitgraphs (54) 301
Square-free words (54) 187
Square rooting (60) 267
*st*-numbering (51) 121, (59) 145
Stabilization (52) 99
Stable model (58) 249
Star connected cycles (58) 81
Star graphs (56) 259
Star interconnection network (60) 255
State complexity (58) 185
Static analysis (55) 229
Static dictionary (59) 91
Statistical confidentiality (60) 277
Statistical cryptanalysis (56) 249
Statistical estimation (53) 307
Steiner set (56) 101
Steiner trees (55) 59
Stochastic game (57) 17
Stochastic location (58) 71
Stochastic optimality (57) 273
Storage allocation (56) 51
Storage utilization (57) 53
Strict Avalanche Criterion (52) 325, (57) 261, (60) 215, (60) 271

String comparison (60) 165
String edit distance (54) 93
String matching (55) 105, (58) 217
String-rewriting (53) 237
String searching (59) 241
Strong components (52) 207
Strong fairness (59) 245
Strong normalization (58) 157
Strong sequentiality (52) 137
Structured text (60) 231
Sturmian words (54) 307
Sublinear time (52) 31
Subset graph (56) 337
Subset partial order (56) 337
Subtyping (58) 157
Subword complexity (54) 313
Succinct representations (59) 211
Sum of deviations of jobs completion times (60) 189
Survival route graph (51) 93
Switch statements (60) 115
Symbolic dynamics (54) 187
Synchronization (60) 151
Syndrome decoding (54) 213

Takeover time (56) 281
Tarjan's algorithm (52) 207
Task migration (53) 261
Temporal agent model (55) 201
Temporal logic (54) 343, (58) 185
Term graph rewriting (60) 109
Termination (53) 223
Termination detection (52) 105
Termination proof (54) 327
Term rewriting (52) 137, (53) 223, (60) 237
Term rewriting systems (53) 209
Textual substitution (59) 169
The all pairs shortest paths problem (58) 149
The longest path problem (58) 149
The on-line minimum matching problem (51) 275
Theorem proving (53) 145
Theory of computation (51) 67, (51) 311, (52) 285, (53) 1, (53) 17, (53) 69, (53) 131, (53) 185, (53) 209, (53) 287, (53) 347, (54) 45, (54) 205, (54) 289, (55) 155, (55) 279, (56) 185, (56) 315, (57) 189, (57) 237, (59) 129, (59) 273, (60) 59
Theory of numberings (54) 205
Theory of Owicki and Gries (60) 207
The transitive closure problem (58) 149
Threshold circuits (53) 321, (56) 147, (56) 253
Threshold graphs (54) 193
Threshold number (54) 193
Threshold scheme (55) 45
Thue–Morse word (54) 313
TIM (56) 1
Time complexity (59) 45, (59) 117
Timed languages (55) 129
Timed transition systems (55) 129
Time–space tradeoffs (51) 265
Times square model (55) 223
Time Warp (59) 191
Topological consistency (54) 275
Topological sorting (58) 149
Torus of processors (57) 279
Total flow time (60) 189
Total interval number (56) 299
Totally monotone matrices (60) 13
Trace languages (55) 211
Trace theory (59) 179
Transactions (51) 257
Transition constraints (60) 19
Transition systems (52) 285
Transitive closure (52) 207
Transitive redirections (60) 109
Transmitting delay (51) 233
Transportation problem (60) 189
Transposition cipher (60) 261
Trapdoor one-way function (55) 247
Trapezoid graph (52) 309, (56) 101
Travelling salesman problem (59) 295, (60) 13
Traversal of binary trees (57) 225
Treap (52) 253
Tree (51) 11, (51) 223, (52) 243, (56) 299
Tree automata (53) 11
Tree automaton (58) 195
Tree-contraction (59) 267
Tree contraction (60) 231
Tree difference (60) 231
Tree edit (60) 231
Trees (56) 321, (57) 215
Tree $t$-spanner (59) 97
Triclique (60) 249
Truth-table reductions (55) 27
Tuning (54) 147
Turing machines (59) 203
Two headed disk (55) 273, (57) 273
Two-point based sampling (60) 91
Two-processor scheduling (57) 321
Type theory (51) 201, (56) 141, (57) 9, (57) 15

Unbounded-error probabilistic Turing machines (53) 315
Unicity distance (60) 43
Unification (55) 323
Uniform processes (54) 259
Uniform processors (58) 255
Uniform random generation (54) 229
Unique and critical SAT (58) 249
Unit interval graphs (55) 99
Unit resolution (54) 133
Universal hashing (60) 231
Unknown environment (52) 51
Unordered currying (54) 45
Upper and lower bounds (55) 259, (59) 203
Upward separation (52) 175
URR (52) 1

Variable-length exponent field (52) 1
Variable ordering (59) 233
Variables and assignment (56) 141
Vector addition system languages (56) 237
Verification (60) 201
Vertex covering (53) 229
Vertex elimination (56) 115
Visibility (52) 69, (53) 359, (56) 9
Visibility path (55) 75
Visible vertices (56) 321
Visualization (59) 241
VLSI design (58) 265
VLSI layout (55) 223
Voting scheme (51) 1

Wait-for graph (55) 265
Wait-free registers (58) 47
Watchman route (59) 207
Weakest liberal precondition (59) 159
Weakest precondition (59) 159
Weak fairness (59) 245
Well-solvable case (51) 141
Word equations (53) 237
Workload scheduling (55) 251
Worst-case analysis (54) 317
Worst-case bound (56) 51
Worst case bounds (51) 219

Z (55) 201

$\omega$-code (60) 1
$\omega$-languages (60) 201
$\omega$-regular language (59) 165

ELSEVIER

Information Processing Letters 60 (1996) 337–351

Information Processing Letters

# Master Index Volumes 51–60

(For the sake of simplicity and uniformity, all names beginning with articles or prepositions are listed as if written as single words.)

**Abellanas, M., J. García, G. Hernández-Peñalver, F. Hurtado, O. Serra** and **J. Urrutia**, Onion polygonizations 57 (1996) 165

**Accia, V.,** *see* **Nayak, A.** 55 (1995) 339

**Acciaro, V.**, On the complexity of computing Gröbner bases in characteristic 2 51 (1994) 321

**Acciaro, V.,** *see* **Nayak, A.** 57 (1996) 115

**Agarwala, R.** and **D. Fernández-Baca**, Weighted search in the plane 54 (1995) 97

**Aggarwal, C.C., N. Jain** and **P. Gupta**, An efficient selection algorithm on the pyramid 53 (1995) 37

**Ahmadian, A.,** *see* **Alidaee, B.** 60 (1996) 189

**Ahuja, M.**, Assertions about past and future in *Highways*: Global flush broadcast and flush-vector-time (Erratum) 58 (1996) 325

**Akinari, N.** and **H. Hagiwara**, On the real-number representation with variable-length exponent field 52 (1994) 1

**Akutsu, T.**, Approximate string matching with don't care characters 55 (1995) 235

**Albacea, E.A.**, Parallel algorithm for finding a core of a tree network 51 (1994) 223

**Albers, S., B. Von Stengel** and **R. Werchner**, A combined BIT and TIMESTAMP algorithm for the list update problem 56 (1995) 135

**Alidaee, B.** and **A. Ahmadian**, Scheduling on a single processor with variable speed 60 (1996) 189

**Alimonti, P.**, New local search approximation techniques for maximum generalized satisfiability problems 57 (1996) 151

**Al Jabri, A.Kh.**, The unicity distance: An upper bound on the probability of an eavesdropper successfully estimating the secret key 60 (1996) 43

**Allison, L.**, Using Hirschberg's algorithm to generate random alignments of strings 51 (1994) 251

**Alon, N.** and **Y. Mansour**, $\varepsilon$-discrepancy sets and their application for interpolation of sparse polynomials 54 (1995) 337

**Alon, N., P.G. Bradford** and **R. Fleischer**, Matching nuts and bolts faster 59 (1996) 123

**Alstrup, S., J. Clausen** and **K. Jørgensen**, An $O(|V| * |E|)$ algorithm for finding immediate multiple-vertex dominators 59 (1996) 9

**Alsuwaiyel, M.H.** and **D.T. Lee**, Finding an approximate minimum-link visibility path inside a simple polygon 55 (1995) 75

**Alsuwaiyel, M.H.**, Finding a shortest Hamiltonian path inside a simple polygon 59 (1996) 207

**Alvarez, G.A.** and **M.O. Fernández**, Efficient management of multiple outstanding timeouts 54 (1995) 139

**Ang, C.-H.** and **K.-P. Tan**, The interval $B$-tree 53 (1995) 85

**Annexstein, F.S.,** *see* **Schlipf, J.S.** 54 (1995) 133

**Aranha, R.F.M.** and **C. Pandu Rangan**, An efficient distributed algorithm for centering a spanning tree of a biconnected graph 59 (1996) 145

**Arvind, V., J. Köbler** and **M. Mundhenk**, On reductions to sets that avoid EXPSPACE 56 (1995) 109

**Aslam, J.A.** and **S.E. Decatur**, On the sample complexity of noise-tolerant learning 57 (1996) 189

**Aspvall, B.**, Minimizing elimination tree height can increase fill more than linearly 56 (1995) 115

**Aspvall, B., C. Levcopoulos, A. Lingas** and **R. Storlind**, On 2-QBF truth testing in parallel 57 (1996) 89

**Athithan, G.** and **T.S. Roy**, Hyperspherical neighbourhoods and pattern recognition using neural networks 59 (1996) 223

**Atkinson, S.** and **D. Scholefield**, Transformational vs reactive refinement in real-time systems 55 (1995) 201

**Attiya, H.** and **R. Friedman**, Limitations of fast consistency conditions for distributed shared memories 57 (1996) 243

**Ausiello, G.** and **M. Protasi**, Local search, reducibility and approximability of NP-optimization problems 54 (1995) 73

**Ayani, R.,** *see* **Barriga, L.** 54 (1995) 81

**Azad Khan, Md.M.H.**, An algorithm for hazard-free minimization of incompletely specified switching function 52 (1994) 23

**Back, R.J.R.** and **J. Von Wright**, Games and winning strategies 53 (1995) 165

**Baclawski, K.** and **D.A. Simovici**, A characterization of the information content of a classification 57 (1996) 211

**Baeza-Yates, R.A.** and **L.O. Fuentes**, A framework to animate string algorithms 59 (1996) 241

**Baeza-Yates, R.A.** and **C.H. Perleberg**, Fast and practical approximate string matching 59 (1996) 21

**Bagchi, A.,** *see* **Bhattacharya, S.** 52 (1994) 295

**Bagherzadeh, N.,** *see* **De Azevedo, M.M.** 58 (1996) 81

**Bagherzadeh, N.,** *see* **Nassif, N.** 60 (1996) 255

**Baier, C.** and **M.E. Majster-Cederbaum**, Denotational linear time semantics and sequential composition 59 (1996) 135

Elsevier Science B.V.

**Balachandran, V., P. Nagavamsi** and **C. Pandu Rangan**, Clique transversal and clique independence on comparability graphs 58 (1996) 181

**Balasubramanian, R.** and **S.V. Nagaraj**, Perfect power testing 58 (1996) 59

**Banach, R.**, Transitive term graph rewriting 60 (1996) 109

**Bapiraju, V.** and **V.V.B. Rao**, Enumeration of binary trees 51 (1994) 125

**Barbosa, V.C.** and **S.C.S. Porto**, An algorithm for FIFO message delivery among migrating tasks 53 (1995) 261

**Barklund, J.**, *see* **Veanes, M.** 57 (1996) 225

**Barklund, J.**, *see* **Veanes, M.** 60 (1996) 313

**Barnard, D.T.**, *see* **Schmeiser, J.P.** 54 (1995) 323

**Barriga, L.** and **R. Ayani**, Lazy update: An efficient implementation of LRU stacks 54 (1995) 81

**Barsi, F.**, Decoding residue codes 54 (1995) 213

**Barsi, F.** and **M.C. Perotti**, Addendum to "A fully parallel algorithm for residue to binary conversion" 55 (1995) 25

**Barsi, F.** and **M.C. Pinotti**, Addendum to "A fully parallel algorithm for residue to binary conversion" (*Erratum*) 56 (1995) 121

**Barth, D.**, Optimal broadcasting in the back to back $d$-ary trees 59 (1996) 85

**Barth, D.** and **A. Raspaud**, Two edge-disjoint hamiltonian cycles in the butterfly graph 51 (1994) 175

**Basin, D.A.**, A term equality problem equivalent to Graph Isomorphism 51 (1994) 61

**Basten, T.**, Branching bisimilarity is an equivalence indeed! 58 (1996) 141

**Bax, E.T.**, Algorithms to count paths and cycles 52 (1994) 249

**Bax, E.** and **J. Franklin**, A finite-difference sieve to count paths and cycles by length 60 (1996) 171

**Beals, R.**, *see* **Tanaka, K.** 59 (1996) 273

**Ben-Or, M.** and **D. Ron**, Agreement in the presence of faults, on networks of bounded degree 57 (1996) 329

**Berard, B.**, Untiming timed languages 55 (1995) 129

**Bergstra, J.A.** and **Gh. Ştefănescu**, Bisimulation is two-way simulation 52 (1994) 285

**Bernasconi, A.**, Sensitivity vs. block sensitivity (an average-case study) 59 (1996) 151

**Bertino, E.**, *see* **Shidlovsky, B.** 58 (1996) 211

**Bertoni, A., N. Cesa-Bianchi** and **G. Fiorino**, Efficient learning with equivalence queries of conjunctions of modulo functions 56 (1995) 15

**Bertoni, A., C. Mereghetti** and **G. Pighizzini**, An optimal lower bound for nonregular languages (*Corrigendum*) 52 (1994) 339

**Bettayeb, S.**, *see* **Kulasinghe, P.** 53 (1995) 33

**Bhatia, D.K.**, *see* **Swaminathan, R.P.** 55 (1995) 71

**Bhattacharya, S.** and **A. Bagchi**, A general framework for minimax search in game trees 52 (1994) 295

**Bilardi, G., S. Chaudhuri, D. Dubhashi** and **K. Mehlhorn**, A lower bound for area-universal graphs 51 (1994) 101

**Binkley, A.B.** and **S.R. Schach**, A comparison of sixteen quality metrics for object-oriented design 58 (1996) 271

**Birget, J.-C.**, The state complexity of $\overline{\Sigma^* L}$ and its connection with temporal logic 58 (1996) 185

**Blackburn, S.R.**, Increasing the rate of output of $m$-sequences 51 (1994) 73

**Błażewicz, J., P. Bouvry, F. Guinand** and **D. Trystram**, Scheduling complete intrees on two uniform processors with communication delays 58 (1996) 255

**Blokhuis, A.** and **T. Kloks**, On the equivalence covering number of splitgraphs 54 (1995) 301

**Blum, N.**, An $O(n \log n)$ implementation of the standard method for minimizing $n$-state finite automata 57 (1996) 65

**Blum, N.** and **H. Rochow**, A lower bound on the single-operation worst-case time complexity of the union-find problem on intervals 51 (1994) 57

**Blum, N.**, *see* **Liang, Y.D.** 56 (1995) 215

**Blundo, C.**, A note on dynamic threshold schemes 55 (1995) 189

**Bokka, V., H. Gurla, S. Olariu** and **J.L. Schwing**, Time- and VLSI-optimal convex hull computation on meshes with multiple broadcasting 56 (1995) 273

**Boland, R.P.** and **J. Urrutia**, Separating collections of points in Euclidean spaces 53 (1995) 177

**Boland, R.P.** and **J. Urrutia**, Separating collection of points in Euclidean spaces (*Corrigendum*) 54 (1995) 359

**Bollig, B., M. Löbbing** and **I. Wegener**, On the effect of local changes in the variable ordering of ordered decision diagrams 59 (1996) 233

**Book, R.V.**, On collapsing the polynomial-time hierarchy 52 (1994) 235

**Boppana, R.B.**, The decision-tree complexity of element distinctness 52 (1994) 329

**Borchert, B.** and **A. Lozano**, Succinct circuit representations and leaf language classes are basically the same concept 59 (1996) 211

**Bouvry, P.**, *see* **Błażewicz, J.** 58 (1996) 255

**Boztaş, S.**, A robust multi-priority topology-independent transmission schedule for packet radio networks 55 (1995) 291

**Bradford, P.G.**, *see* **Alon, N.** 59 (1996) 123

**Broder, A.Z., M.E. Dyer, A.M. Frieze, P. Raghavan** and **E. Upfal**, The worst-case running time of the random simplex algorithm is exponential in the height 56 (1995) 79

**Broder, A.Z., A. Frieze, C. Lund, S. Phillips** and **N. Reingold**, Balanced allocations for tree-like inputs 55 (1995) 329

**Bshouty, N.H.**, On the additive complexity of $2 \times 2$ matrix multiplication 56 (1995) 329

**Bshouty, N.H.**, A subexponential exact learning algorithm for DNF using equivalence queries 59 (1996) 37

**Buhăceanu, D.S.** and **W.H.J. Feijen**, Formal derivation of an algorithm for distributed phase synchronization 60 (1996) 207

**Bunke, H.** and **J. Csirik**, An improved algorithm for computing the edit distance of run-length coded strings 54 (1995) 93

**Burns, A.** and **R. Davis**, Choosing task periods to minimise system utilisation in time triggered systems 58 (1996) 223

**Burns, A.**, *see* **Davis, R.** 53 (1995) 249

**Butler, G.**, Easy verification of behavioural subtyping in common cases 55 (1995) 57

**Cai, L.**, Fixed-parameter tractability of graph modification problems for hereditary properties 58 (1996) 171
**Can, F.**, *see* **Kocberber, S.** 60 (1996) 305
**Canetti, R.**, More on BPP and the Polynomial-time Hierarchy 57 (1996) 237
**Canetti, R., G. Even** and **O. Goldreich**, Lower bounds for sampling algorithms for estimating the average 53 (1995) 17
**Carpi, A.**, On repeated factors in $C^{\omega}$-words 52 (1994) 289
**Cattell, K., M.J. Dinneen** and **M.R. Fellows**, A simple linear-time algorithm for finding path-decompositions of small width 57 (1996) 197
**Caussinus, H.**, A note on a theorem of Barrington, Straubing and Thérien 58 (1996) 31
**Cesa-Bianchi, N.**, *see* **Bertoni, A.** 56 (1995) 15
**Chakrabarti, P.P.**, *see* **Dasgupta, P.** 55 (1995) 317
**Chakrabarti, P.P.**, *see* **Dasgupta, P.** 58 (1996) 311
**Chakraborty, U.K.**, A simpler derivation of schema hazard in genetic algorithms 56 (1995) 77
**Chakraborty, U.K.**, A branching process model for genetic algorithms 56 (1995) 281
**Chamberlain, R.**, *see* **Varghese, G.** 54 (1995) 121
**Chandra, B.**, Constructing sparse spanners for most graphs in higher dimensions 51 (1994) 289
**Chang, C.-C.**, *see* **Hwang, S.-J.** 58 (1996) 189
**Chang, C.-C.**, *see* **Lee, W.-B.** 57 (1996) 49
**Chang, E.-C.** and **C. Yap**, A note on improved deterministic time simulation of nondeterministic space for small space 55 (1995) 155
**Chang, G.J.**, *see* **Yan, J.-H.** 52 (1994) 317
**Chang, M.-S.**, *see* **Srinivasan, A.** 56 (1995) 165
**Chang, Y.-C.** and **L.-H. Hsu**, Element perturbation problems of optimum spanning trees with two-parameter objectives 53 (1995) 55
**Chao, C.-C., W.-T. Chen** and **G.-H. Chen**, Multiple search problem on reconfigurable meshes 58 (1996) 65
**Chaty, G.**, *see* **Szwarcfiter, J.L.** 51 (1994) 149
**Chaudhuri, S.**, *see* **Bilardi, G.** 51 (1994) 101
**Chedid, F.B.**, On the generalized twisted cube 55 (1995) 49
**Chen, B., A. van Vliet** and **G.J. Woeginger**, A lower bound for randomized on-line scheduling algorithms 51 (1994) 219
**Chen, C.-C.** and **R.-J. Chen**, Compact embedding of binary trees into hypercubes 54 (1995) 69
**Chen, D.Z.** and **K.S. Klenk**, Rectilinear short path queries among rectangular obstacles 57 (1996) 313
**Chen, D.Z.** and **K.S. Klenk**, Erratum to "Rectilinear short path queries among rectangular obstacles". Information Processing Letters 57 (6) (25 March 1996) 313–319 60 (1996) 105
**Chen, G.-H.**, *see* **Chao, C.-C.** 58 (1996) 65
**Chen, G.-H.**, *see* **Duh, D.-R.** 57 (1996) 41
**Chen, H.-C.**, *see* **Wang, Y.-L.** 56 (1995) 83
**Chen, L.**, Solving the shortest-paths problem on bipartite permutation graphs efficiently 55 (1995) 259
**Chen, L.** and **H.Y.H. Chuang**, A fast algorithm for Euclidean distance maps of a 2-D binary image 51 (1994) 25
**Chen, P.D.**, *see* **Hu, X.D.** 51 (1994) 213
**Chen, R.-J.**, *see* **Chen, C.-C.** 54 (1995) 69
**Chen, R.-J.**, *see* **Chiang, W.-K.** 56 (1995) 259
**Chen, S.D., H. Shen** and **R. Topor**, An efficient permutation-based parallel range-join algorithm on $N$-dimensional torus computers 52 (1994) 35
**Chen, T.-S.**, An optimal disk system with two restricted heads 55 (1995) 273
**Chen, T.Y.** and **M.F. Lau**, Dividing strategies for the optimization of a test suite 60 (1996) 135
**Chen, T.Y.** and **Y.T. Yu**, A more general sufficient condition for partition testing to be better than random testing 57 (1996) 145
**Chen, W.-C.** and **W.-C. Ni**, Internal path length of the binary representation of heap-ordered trees 51 (1994) 129
**Chen, W.-T.**, *see* **Chao, C.-C.** 58 (1996) 65
**Chen, Y.-C.**, *see* **Lu, E.-H.** 51 (1994) 117
**Chen, Y.-H.**, *see* **Hwang, T.** 53 (1995) 97
**Chen, Y.-H.**, *see* **Hwang, T.** 53 (1995) 103
**Chen, Y.Y.**, *see* **Tsai, Y.T.** 51 (1994) 275
**Chen, Z.-Z.**, A parallel algorithm for finding a triconnected component separator with an application 52 (1994) 265
**Chen, Z.-Z.**, A fast and efficient *NC* algorithm for maximal matching 55 (1995) 303
**Cheng, P.** and **S. Masuyama**, On the equivalence in complexity among three computation problems on maximum number of edge-disjoint $s$–$t$ paths in a probabilistic graph 51 (1994) 195
**Cheng, S.-W.**, Widest empty L-shaped corridor 58 (1996) 277
**Cheng, Y.-C.**, *see* **Lu, E.-H.** 52 (1994) 341
**Cheston, G.A.**, *see* **Easwarakumar, K.S.** 51 (1994) 121
**Chiang, W.-K.** and **R.-J. Chen**, The $(n,k)$-star graph: A generalized star graph 56 (1995) 259
**Chickering, D.M., D. Geiger** and **D. Heckerman**, On finding a cycle basis with a shortest maximal cycle 54 (1995) 55
**Chlebíková, J.**, Approximating the Maximally Balanced Connected Partition Problem in graphs 60 (1996) 225
**Choe, K.-M.**, *see* **Lee, E.-J.** 51 (1994) 85
**Choe, K.-M.**, *see* **Lee, S.-H.** 52 (1994) 191
**Choi, H.K.**, *see* **Park, U.K.** 55 (1995) 283
**Choi, S.-H.**, *see* **Kim, S.-H.** 53 (1995) 359
**Chou, C.-T.**, Simple proof techniques for property preservation via simulation 60 (1996) 129
**Christie, D.A.**, Sorting permutations by block-interchanges 60 (1996) 165
**Chrobak, M.** and **T.H. Payne**, A linear-time algorithm for drawing a planar graph on a grid 54 (1995) 241
**Chuang, H.Y.H.**, *see* **Chen, L.** 51 (1994) 25
**Chung, S.M.** and **P.S. Mah**, Semantics-based transaction management for multidatabase systems 59 (1996) 109
**Chwa, K.-Y.**, *see* **Kim, S.-H.** 53 (1995) 359
**Ciampolini, A., E. Lamma** and **P. Mello**, An abstract interpretation framework for optimizing dynamic modular logic languages 58 (1996) 163
**Cidon, I.** and **Y. Shavitt**, Message terminating algorithms for anonymous rings of unknown size 54 (1995) 111
**Clark, J.** and **J. Jacob**, On the security of recent protocols 56 (1995) 151
**Clausen, J.**, *see* **Alstrup, S.** 59 (1996) 9

**Clementi, A.** and **R. Impagliazzo**, The reachability problem for finite cellular automata 53 (1995) 27
**Clote, P.**, A note on the monotone complexity of 2-REF 57 (1996) 117
**Codenotti, B., G. Manzini** and **L. Margara**, Algebraic techniques in communication complexity 56 (1995) 191
**Cohen, E.**, The convergence span of greedy load balancing 52 (1994) 181
**Colussi, L.** and **A. De Col**, A time and space efficient data structure for string searching on large texts 58 (1996) 217
**Corneil, D.G., H. Kim, S. Natarajan, S. Olariu** and **A.P. Sprague**, Simple linear time recognition of unit interval graphs 55 (1995) 99
**Corneil, D.G., S. Olariu** and **L. Stewart**, A linear time algorithm to compute a dominating path in an AT-free graph 54 (1995) 253
**Cotronis, Y.**, *see* **Spiliopoulou, M.** 53 (1995) 301
**Craig, K.C.**, *see* **Sridharan, K.** 51 (1994) 181
**Csirik, J.**, *see* **Bunke, H.** 54 (1995) 93
**Cull, P.** and **S.M. Larson**, On generalized twisted cubes 55 (1995) 53
**Cusick, T.W.**, Cryptanalysis of a public key system based on Diophantine equations 56 (1995) 73
**Cusick, T.W.**, Bounds on the number of functions satisfying the Strict Avalanche Criterion 57 (1996) 261
**Cusick, T.W.** and **P. Stănică**, Bounds on the number of functions satisfying the Strict Avalanche Criterion 60 (1996) 215
**Czabarka, É.**, *see* **Viswanathan, S.** 57 (1996) 265
**Czumaj, A., K. Diks** and **T.M. Przytycka**, Parallel maximum independent set in convex bipartite graphs 59 (1996) 289

**Damaschke, P.**, A parallel algorithm for nearly optimal edge search 56 (1995) 233
**Dančík, V.**, Complexity of Boolean functions over bases with unbounded fan-in gates 57 (1996) 31
**Danicic, S., M. Harman** and **Y. Sivagurunathan**, A parallel algorithm for static program slicing 56 (1995) 307
**Dányi, G.** and **Z. Fülöp**, A note on the equivalence problem of E-patterns 57 (1996) 125
**Das, S.K.**, Modal logics in the theory of relational databases 57 (1996) 1
**Dasgupta, P., P.P. Chakrabarti** and **S.C. DeSarkar**, Utility of *pathmax* in partial order heuristic search 55 (1995) 317
**Dasgupta, P., P.P. Chakrabarti** and **S.C. DeSarkar**, Agent search in uniform *b*-ary trees: Multiple goals and unequal costs 58 (1996) 311
**Datta, A.K.** and **R.K. Sen**, 1-Approximation algorithm for bottleneck disjoint path matching 55 (1995) 41
**Davis, R.** and **A. Burns**, Optimal priority assignment for aperiodic tasks with firm deadlines in fixed priority pre-emptive systems 53 (1995) 249
**Davis, R.**, *see* **Burns, A.** 58 (1996) 223
**De Agostino, S.** and **J.A. Storer**, On-line versus off-line computation in dynamic text compression 59 (1996) 169
**De Azevedo, M.M., N. Bagherzadeh, M. Dowd** and **S. Latifi**, Some topological properties of star connected cycles 58 (1996) 81
**De Berg, M.** and **M. van Kreveld**, Rectilinear decompositions with low stabbing number 52 (1994) 215
**Decatur, S.E.**, *see* **Aslam, J.A.** 57 (1996) 189
**De Col, A.**, *see* **Colussi, L.** 58 (1996) 217
**Deĭneko, V.G., R. van Dal** and **G. Rote**, The convex-hull-and-line Traveling Salesman Problem: A solvable case 51 (1994) 141
**Deĭneko, V.G.** and **G.J. Woeginger**, The Convex-hull-and-*k*-line Travelling Salesman Problem 59 (1996) 295
**De Luca, A.**, A division property of the Fibonacci word 54 (1995) 307
**Demri, S.**, 3-SAT = SAT for a class of normal modal logics 54 (1995) 281
**Deng, X.**, A lower bound for communication on the crossbar 57 (1996) 103
**Deo, N.**, *see* **Nievergelt, J.** 55 (1995) 309
**De Prisco, R., G. Parlati** and **G. Persiano**, A note on the expected path length of trees with known fringe 59 (1996) 309
**De Prisco, R.** and **G. Persiano**, Characteristic inequalities for binary trees 53 (1995) 201
**Dermouche, A.**, A fast algorithm for string matching with mismatches 55 (1995) 105
**DeSarkar, S.C.**, *see* **Dasgupta, P.** 55 (1995) 317
**DeSarkar, S.C.**, *see* **Dasgupta, P.** 58 (1996) 311
**Desel, J., E. Kindler, T. Vesper** and **R. Walter**, A simplified proof for a self-stabilizing protocol: A Game of Cards 54 (1995) 327
**Devillers, O.** and **M.J. Golin**, Incremental algorithms for finding the convex hulls of circles and the lower envelopes of parabolas 56 (1995) 157
**Devroye, L.** and **P. Kruszewski**, A note on the Horton–Strahler number for random trees 52 (1994) 155
**Devroye, L.** and **P. Kruszewski**, A note on the Horton–Strahler number for random trees 56 (1995) 95
**Dey, T.K.** and **N.R. Shah**, Many-face complexity in incremental convex arrangements 51 (1994) 227
**Dietz, P.F.** and **R. Raman**, A constant update time finger search tree 52 (1994) 147
**Dijkstra, E.W.**, Heuristics for a calculational proof 53 (1995) 141
**Dijkstra, R.M.**, An experiment with the use of predicate transformers in UNITY 53 (1995) 329
**Dijkstra, R.M.**, "Everywhere" in predicate algebra and modal logic 58 (1996) 237
**Diks, K., E. Kranakis, D. Krizanc, B. Mans** and **A. Pelc**, Optimal coteries and voting schemes 51 (1994) 1
**Diks, K.**, *see* **Czumaj, A.** 59 (1996) 289
**Dinneen, M.J.**, *see* **Catteli, K.** 57 (1996) 197
**Domingo i Ferrer, J.**, A new privacy homomorphism and applications 60 (1996) 277
**Dong, G.**, On the index of positive programmed formal languages 54 (1995) 105
**Dong, G.** and **J. Su**, Conjunctive query containment with respect to views and constraints 57 (1996) 95
**Dowd, M.**, *see* **De Azevedo, M.M.** 58 (1996) 81
**Droubay, X.**, Palindromes in the Fibonacci word 55 (1995) 217
**Drozdowski, M.**, Real-time scheduling of linear speedup parallel tasks 57 (1996) 35

**Dubhashi, D.**, *see* **Bilardi, G.** 51 (1994) 101
**Duh, D.-R., G.-H. Chen** and **D.F. Hsu**, Combinatorial properties of generalized hypercube graphs 57 (1996) 41
**Dunne, P.E., C.J. Gittings** and **P.H. Leng**, Multiprocessor simulation strategies with optimal speed-up 54 (1995) 23
**Dunten, B., J. Jones** and **J. Sorenson**, A space-efficient fast prime number sieve 59 (1996) 79
**Durand, I.** and **B. Salinier**, Constructor equivalent term rewriting systems are strongly sequential: A direct proof 52 (1994) 137
**Duszak, Z.** and **W.W. Koczkodaj**, Generalization of a new definition of consistency for pairwise comparisons 52 (1994) 273
**Dyer, M.E.**, *see* **Broder, A.Z.** 56 (1995) 79

**Eades, P., C. Stirk** and **S. Whitesides**, The techniques of Komolgorov and Bardzin for three-dimensional orthogonal graph drawings 60 (1996) 97
**Easwarakumar, K.S., C. Pandu Rangan** and **G.A. Cheston**, A linear algorithm for centering a spanning tree of a biconnected graph 51 (1994) 121
**Eiselt, H.A., M. Gendreau** and **G. Laporte**, Optimal location of facilities on a network with an unreliable node or link 58 (1996) 71
**El-Yaniv, R.** and **J. Kleinberg**, Geometric two-server algorithms 53 (1995) 355
**Eppstein, D.**, Arboricity and bipartite subgraph listing algorithms 51 (1994) 207
**Erlingsson, Ú., M. Krishnamoorthy** and **T.V. Raman**, Efficient multiway radix search trees 60 (1996) 115
**Estivill-Castro, V., J. O'Rourke, J. Urrutia** and **D. Xu**, Illumination of polygons with vertex lights 56 (1995) 9
**Even, G.**, *see* **Canetti, R.** 53 (1995) 17

**Fagerberg, R.**, A generalization of binomial queues 57 (1996) 109
**Fang, S.-C.**, *see* **Natu, M.** 53 (1995) 333
**Farach, M., T.M. Przytycka** and **M. Thorup**, On the agreement of many trees 55 (1995) 297
**Feijen, W.H.J.**, *see* **Buhăceanu, D.S.** 60 (1996) 207
**Fellows, M.R.**, *see* **Cattell, K.** 57 (1996) 197
**Fernández, M.O.**, *see* **Alvarez, G.A.** 54 (1995) 139
**Fernández-Baca, D.**, *see* **Agarwala, R.** 54 (1995) 97
**Fernau, H.**, A note on uniformly limited ETOL systems with unique interpretation 54 (1995) 199
**Fiorino, G.**, *see* **Bertoni, A.** 56 (1995) 15
**Fischer, P.** and **K.-U. Höffgen**, Computing a maximum axis-aligned rectangle in a convex polygon 51 (1994) 189
**Fischer, S.T.**, A note on the complexity of local search problems 53 (1995) 69
**Flammini, M.**, On the learnability of monotone $k\mu$-DNF formulae under product distributions 52 (1994) 167
**Fleischer, R.**, *see* **Alon, N.** 59 (1996) 123
**Fokkink, W.**, A complete equational axiomatization for prefix iteration 52 (1994) 333
**Franco, J.V.**, *see* **Schlipf, J.S.** 54 (1995) 133
**Franklin, J.**, *see* **Bax, E.** 60 (1996) 171
**Fränzle, M., B. von Stengel** and **A. Wittmüss**, A generalized notion of semantic independence 53 (1995) 5
**Frazier, M.** and **C.D. Page Jr**, Prefix grammars: An alternative characterization of the regular languages 51 (1994) 67
**Friedman, R.**, *see* **Attiya, H.** 57 (1996) 243
**Frieze, A.**, *see* **Broder, A.Z.** 55 (1995) 329
**Frieze, A.M.**, *see* **Broder, A.Z.** 56 (1995) 79
**Fromentin, E., C. Jard, G.-V. Jourdan** and **M. Raynal**, On-the-fly analysis of distributed computations 54 (1995) 267
**Fu, Q.**, *see* **Wang, X.** 59 (1996) 45
**Fudos, I., E. Pitoura** and **W. Szpankowski**, On pattern occurrences in a random text 57 (1996) 307
**Fuentes, L.O.**, *see* **Baeza-Yates, R.A.** 59 (1996) 241
**Fujita, S.**, A note on the size of a multicast tree in hypercubes 54 (1995) 223
**Fujito, T.**, A note on approximation of the vertex cover and feedback vertex set problems – Unified approach 59 (1996) 59
**Fujiwara, A., T. Masuzawa** and **H. Fujiwara**, An optimal parallel algorithm for the Euclidean distance maps of 2-D binary images 54 (1995) 295
**Fujiwara, H.**, *see* **Fujiwara, A.** 54 (1995) 295
**Fülöp, Z.**, *see* **Dányi, G.** 57 (1996) 125

**Galbiati, G., F. Maffioli** and **A. Morzenti**, A short note on the approximability of the Maximum Leaves Spanning Tree Problem 52 (1994) 45
**García, A.** and **J. Tejel**, Using total monotonicity for two optimization problems on the plane 60 (1996) 13
**García, J.**, *see* **Abellanas, M.** 57 (1996) 165
**Garrido, O., S. Jarominek, A. Lingas** and **W. Rytter**, A simple randomized parallel algorithm for maximal $f$-matchings 57 (1996) 83
**Garrido, O., P. Kelsen** and **A. Lingas**, A simple NC-algorithm for a maximal independent set in a hypergraph of poly-log arboricity 58 (1996) 55
**Gawiejnowicz, S.**, A note on scheduling on a single processor with speed dependent on a number of executed jobs 57 (1996) 297
**Gawiejnowicz, S.** and **L. Pankowska**, Scheduling jobs with varying processing times 54 (1995) 175
**Geiger, D.**, *see* **Chickering, D.M.** 54 (1995) 55
**Gendreau, M.**, *see* **Eiselt, H.A.** 58 (1996) 71
**Gergov, J.**, Time–space tradeoffs for integer multiplication on various types of input oblivious sequential machines 51 (1994) 265
**Germain, C.** and **J. Pallo**, Two shortest path metrics on well-formed parentheses strings 60 (1996) 283
**Ghandeharizadeh, S., D. Ierardi** and **R. Zimmermann**, An on-line algorithm to optimize file layout in a dynamic environment 57 (1996) 75
**Ghosh, S.** and **A. Gupta**, An exercise in fault-containment: Self-stabilizing leader election 59 (1996) 281
**Ghosh, S.**, *see* **Herman, T.** 54 (1995) 259
**Giakoumakis, V.**, $P_4$-laden graphs: A new class of brittle graphs 60 (1996) 29

**Gil, J.** and **Y. Matias**, Designing algorithms by expectations 51 (1994) 31
**Giriraj, D.**, *see* **Swaminathan, R.P.** 55 (1995) 71
**Gissi, P.**, *see* **Nayak, A.** 55 (1995) 339
**Gissi, P.**, *see* **Nayak, A.** 57 (1996) 115
**Gittings, C.J.**, *see* **Dunne, P.E.** 54 (1995) 23
**Glaister, I.** and **J. Shallit**, A lower bound technique for the size of nondeterministic finite automata 59 (1996) 75
**Goldberg, B.**, *see* **Park, Y.** 55 (1995) 229
**Goldberg, B.**, *see* **Park, Y.G.** 55 (1995) 343
**Goldmann, M.**, A note on the power of majority gates and modular gates 53 (1995) 321
**Goldreich, O.**, *see* **Canetti, R.** 53 (1995) 17
**Goldsmith, J.** and **S. Homer**, Scalability and the Isomorphism Problem 57 (1996) 137
**Goldwurm, M.**, Random generation of words in an algebraic language in linear binary space 54 (1995) 229
**Golin, M.J.**, *see* **Devillers, O.** 56 (1995) 157
**Goltz, U.** and **H. Wehrheim**, Modelling causality via action dependencies in branching time semantics 59 (1996) 179
**Gong, L.**, Collisionful keyed hash functions with selectable collisions 55 (1995) 167
**González, A.**, *see* **Leung, H.** 55 (1995) 279
**Gonzalez, T.F.**, A simple LP-free approximation algorithm for the minimum weight vertex cover problem 54 (1995) 129
**Gopalakrishnan, K.** and **D.R. Stinson**, A simple analysis of the error probability of two-point based sampling 60 (1996) 91
**Gouda, M.G.**, Stabilizing observers 52 (1994) 99
**Grable, D.A.**, Nearly-perfect hypergraph packing is in NC 60 (1996) 295
**Grandi, P.**, Implementing (nondeterministic) parallel assignments 58 (1996) 177
**Greenwood, G.W.**, On the equity of mutual exclusion algorithms in distributed systems 56 (1995) 19
**Gries, D.** and **F.B. Schneider**, Equational propositional logic 53 (1995) 145
**Gu, Q.-P.** and **S. Peng**, Node-to-node cluster fault tolerant routing in star graphs 56 (1995) 29
**Guinand, F.**, *see* **Błażewicz, J.** 58 (1996) 255
**Gupta, A.**, *see* **Ghosh, S.** 59 (1996) 281
**Gupta, P.**, *see* **Aggarwal, C.C.** 53 (1995) 37
**Gupta, R.**, Generalized dominators 53 (1995) 193
**Gurla, H.**, *see* **Bokka, V.** 56 (1995) 273
**Gusfield, D.**, Faster implementation of a shortest superstring approximation 51 (1994) 271

**Hagerup, T.**, The parallel complexity of integer prefix summation 56 (1995) 59
**Hagiwara, H.**, *see* **Akinari, N.** 52 (1994) 1
**Hains, G.**, *see* **Utard, G.** 56 (1995) 221
**Halperin, D.** and **M. Sharir**, On disjoint concave chains in arrangements of (pseudo) lines 51 (1994) 53
**Hamdi, M.**, Topological properties of the directional hypercube 53 (1995) 277
**Han, Y.**, An improvement on parallel computation of a maximal matching 56 (1995) 343
**Harikumar, S.** and **S. Kumar**, Iterative deepening multiobjective A 58 (1996) 11
**Harman, M.**, *see* **Danicic, S.** 56 (1995) 307
**Harn, L.**, *see* **Lin, H.-Y.** 55 (1995) 45
**Harper, R.**, A simplified account of polymorphic references 51 (1994) 201
**Harper, R.**, A note on "A simplified account of polymorphic references" 57 (1996) 15
**Hassin, R.** and **S. Lahav (Haddad)**, Maximizing the number of unused colors in the vertex coloring problem 52 (1994) 87
**Hassin, R.** and **S. Rubinstein**, Approximations for the maximum acyclic subgraph problem 51 (1994) 133
**Hassin, R.** and **A. Tamir**, On the minimum diameter spanning tree problem 53 (1995) 109
**Hatzopoulos, M.**, *see* **Spiliopoulou, M.** 53 (1995) 301
**Havas, G.**, *see* **Makki, S.A.M.** 60 (1996) 7
**Hébrard, J.-J.**, Unique Horn renaming and Unique 2-Satisfiability 54 (1995) 235
**Heckerman, D.**, *see* **Chickering, D.M.** 54 (1995) 55
**Hemaspaandra, E.**, Census techniques collapse space classes 51 (1994) 79
**Henzinger, M.** and **D.P. Williamson**, On the number of small cuts in a graph 59 (1996) 41
**Herman, M.W.** and **W.W. Koczkodaj**, A Monte Carlo study of pairwise comparison 57 (1996) 25
**Herman, T.** and **S. Ghosh**, Stabilizing phase-clocks 54 (1995) 259
**Hernández, H.J.**, *see* **Leung, H.** 55 (1995) 279
**Hernández Barrera, A.**, Algorithms for deciding the containment of polygons 59 (1996) 261
**Hernández-Peñalver, G.**, *see* **Abellanas, M.** 57 (1996) 165
**Herrera de Figueiredo, C.M., J. Meidanis** and **C. Picinin de Mello**, A linear-time algorithm for proper interval graph recognition 56 (1995) 179
**Heydemann, M.C.** and **D. Sotteau**, A note on recursive properties of the de Bruijn, Kautz and FFT digraphs 53 (1995) 255
**Higham, L.** and **T. Przytycka**, A simple, efficient algorithm for maximum finding on rings 58 (1996) 319
**Hill, S.**, The lazy z-buffer 55 (1995) 65
**Hirata, T.**, A unified linear-time algorithm for computing distance maps 58 (1996) 129
**Hirschberg, D.S.**, *see* **Seiden, S.S.** 51 (1994) 283
**Ho, T.-Y., Y.-L. Wang** and **M.-T. Juan**, A linear time algorithm for finding all hinge vertices of a permutation graph 59 (1996) 103
**Hoare, C.A.R.**, *see* **Von Karger, B.** 53 (1995) 123
**Höffgen, K.-U.**, *see* **Fischer, P.** 51 (1994) 189
**Hofmeister, T.** and **H. Lefmann**, Independent sets in graphs with triangles 58 (1996) 207
**Hofri, M.**, On timeout for global deadlock detection in decentralized database systems 51 (1994) 295
**Holsztyński, W.** and **W.W. Koczkodaj**, Convergence of inconsistency algorithms for the pairwise comparisons 59 (1996) 197
**Homer, S.**, *see* **Goldsmith, J.** 57 (1996) 137
**Hong, D.** and **J.Y.-T. Leung**, Probabilistic analysis of $k$-dimensional packing algorithms 55 (1995) 17
**Horng, G.**, Password authentication without using a password table 55 (1995) 247
**Howard, P.G.** and **J.S. Vitter**, Parallel lossless image compression using Huffman and arithmetic coding 59 (1996) 65

**Hower, W.**, Constraint satisfaction – Algorithms and complexity analysis 55 (1995) 171
**Hsiao, P.-Y.**, *see* **Yan, J.-T.** 52 (1994) 259
**Hsu, D.F.**, *see* **Duh, D.-R.** 57 (1996) 41
**Hsu, J.-M.**, *see* **Huang, C.-M.** 55 (1995) 1
**Hsu, L.-H.**, *see* **Chang, Y.-C.** 53 (1995) 55
**Hu, Q.**, *see* **Shen, X.** 51 (1994) 237
**Hu, X.D., P.D. Chen and F.K. Hwang**, A new competitive algorithm for the counterfeit coin problem 51 (1994) 213
**Huang, C.-M., J.-M. Hsu and S.-W. Lee**, ECFSM-based probabilistic protocol verification 55 (1995) 1
**Huang, S.-T.**, *see* **Kuo, Y.-C.** 59 (1996) 31
**Hui, L.C.K. and C.U. Martel**, Analyzing self-adjusting linear list algorithms with deletions and unsuccessful searches 58 (1996) 231
**Hung, C.Y. and B. Parhami**, Fast RNS division algorithms for fixed divisors with application to RSA encryption 51 (1994) 163
**Hunt, G.C., M.M. Michael, S. Parthasarathy and M.L. Scott**, An efficient algorithm for concurrent priority queue heaps 60 (1996) 151
**Hurtado, F.**, *see* **Abellanas, M.** 57 (1996) 165
**Huynh, T. and K. Marriott**, Incremental constraint deletion in systems of linear constraints 55 (1995) 111
**Hwang, F.K.**, *see* **Hu, X.D.** 51 (1994) 213
**Hwang, S.-J., C.-C. Chang and W.-P. Yang**, Authenticated encryption schemes with message linkage 58 (1996) 189
**Hwang, T. and Y.-H. Chen**, On the security of SPLICE/AS – The authentication system in WIDE Internet 53 (1995) 97
**Hwang, T., N.-Y. Lee, C.-M. Li, M.-Y. Ko and Y.-H. Chen**, Two attacks on Neuman–Stubblebine authentication protocols 53 (1995) 103

**Ierardi, D.**, *see* **Ghandeharizadeh, S.** 57 (1996) 75
**Igarashi, Y., S. Osawa and W. Unger**, Automorphisms of broadcasting schemes with respect to start rounds 51 (1994) 35
**Igarashi, Y.**, *see* **Mei, A.** 52 (1994) 51
**Igarashi, Y.**, *see* **Obokata, K.** 58 (1996) 117
**Impagliazzo, R.**, *see* **Clementi, A.** 53 (1995) 27
**Inagaki, H.**, *see* **Sugiharu, K.** 54 (1995) 275
**Ito, M., N. Takagi and S. Yajima**, Square rooting by iterative multiply-additions 60 (1996) 267
**Ivković, Z. and E.L. Lloyd**, A fundamental restriction on fully dynamic maintenance of bin packing 59 (1996) 229
**Iwama, K. and T. Pitassi**, Exponential lower bounds for the tree-like Hajós calculus 54 (1995) 289
**Iwamoto, C. and G.T. Toussaint**, Finding Hamiltonian circuits in arrangements of Jordan curves is NP-complete 52 (1994) 183

**Jacob, J.**, *see* **Clark, J.** 56 (1995) 151
**Jain, N.**, *see* **Aggarwal, C.C.** 53 (1995) 37
**Jain, R. and J. Werth**, Analysis of approximate algorithms for edge-coloring bipartite graphs 54 (1995) 163
**Jain, S.**, On a question about learning nearly minimal programs 53 (1995) 1
**JáJá, J.**, *see* **Snelick, R.** 54 (1995) 147
**Jajodia, S.**, *see* **Wolfson, O.** 53 (1995) 113
**Jan, J.-K. and Y.-M. Tseng**, On the security of image encryption method 60 (1996) 261
**Jard, C.**, *see* **Fromentin, E.** 54 (1995) 267
**Jarominek, S.**, *see* **Garrido, O.** 57 (1996) 83
**Jenner, B.**, Knapsack problems for NL 54 (1995) 169
**Jerrum, M.**, Counting trees in a graph is #P-complete 41 (1994) 111
**Jha, P.K. and G. Slutzki**, A scheme to construct distance-three codes using latin squares, with applications to the $n$-cube 55 (1995) 123
**Jimbo, S. and A. Maruoka**, On the relationship between $\varepsilon$-biased random variables and $\varepsilon$-dependent random variables 51 (1994) 17
**Jones, C.B.**, Partial functions and logics: A warning 54 (1995) 65
**Jones, J.**, *see* **Dunten, B.** 59 (1996) 79
**Jørgensen, K.**, *see* **Alstrup, S.** 59 (1996) 9
**Jourdan, G.-V.**, *see* **Fromentin, E.** 54 (1995) 267
**Juan, M.-T.**, *see* **Ho, T.-Y.** 59 (1996) 103
**Jukna, S.**, Computing threshold functions by depth-3 threshold circuits with smaller thresholds of their gates 56 (1995) 147
**Julia, S., I. Litovsky and B. Patrou**, On codes, $\omega$-codes and $\omega$-generators 60 (1996) 1
**Juurlink, B.H.H. and H.A.G. Wijshoff**, Communication primitives for BSP computers 58 (1996) 303
**Jwo, J.-S. and T.-C. Tuan**, On transmitting delay in a distance-transitive strongly antipodal graph 51 (1994) 233

**Kacker, R.**, *see* **Snelick, R.** 54 (1995) 147
**Kaivola, R.**, On modal mu-calculus and Büchi tree automata 54 (1995) 17
**Kann, V., J. Lagergren and A. Panconesi**, Approximability of maximum splitting of $k$-sets and some other $Apx$-complete problems 58 (1996) 105
**Kao, M.-Y.**, Linear-time optimal augmentation for component-wise bipartite-completeness of graphs 54 (1995) 59
**Kavraki, L.E. and M.N. Kolountzakis**, Partitioning a planar assembly into two connected parts is NP-complete 55 (1995) 159
**Kaykobad, M.**, *see* **Manzur Murshed, M.** 57 (1996) 205
**Kearns, P.**, *see* **Mayo, J.** 52 (1994) 105
**Keerthi, S.S.**, *see* **Sridharan, K.** 51 (1994) 181
**Keller, J. and T. Walle**, A note on implementing combining networks 55 (1995) 195
**Kelsen, P.**, An optimal parallel algorithm for maximal matching 52 (1994) 223
**Kelsen, P.**, *see* **Garrido, O.** 58 (1996) 55
**Khuller, S. and U. Vishkin**, On the parallel complexity of digraph reachability 52 (1994) 239
**Kim, C.**, Unambiguous description of chain code picture languages 58 (1996) 75
**Kim, D.-H.**, *see* **Lee, S.-H.** 52 (1994) 191
**Kim, H.**, *see* **Corneil, D.G.** 55 (1995) 99
**Kim, J.-H.**, *see* **Ra, D.-Y.** 58 (1996) 87
**Kim, J.L.**, *see* **Lee, S.** 55 (1995) 265
**Kim, S.-H., J.-H. Park, S.-H. Choi, S.Y. Shin and K.-Y. Chwa**, An optimal algorithm for finding the edge visibility polygon under limited visibility 53 (1995) 359

**Kim, S.K.**, A note on finding compact sets in graphs represented by an adjacency list 57 (1996) 335
**Kim, T.G.**, *see* **Park, U.K.** 55 (1995) 283
**Kimura, S., A. Togashi** and **N. Shiratori**, Extension of synthesis algorithm of recursive processes to μ-calculus 58 (1996) 97
**Kindler, E.**, *see* **Desel, J.** 54 (1995) 327
**Kirousis, L.M., P. Spirakis** and **P. Tsigas**, Simple atomic snapshots: A linear complexity solution with unbounded timestamps 58 (1996) 47
**Kirrinnis, P.**, An optimal bound for path weights in Huffman trees 51 (1994) 107
**Kitsios, N.** and **A. Tsakalidis**, Space-optimal hidden line elimination for rectangles 60 (1996) 195
**Klein, P.N.**, A data structure for bicategories, with application to speeding up an approximation algorithm 52 (1994) 303
**Kleinberg, J.**, *see* **El-Yaniv, R.** 53 (1995) 355
**Kleinberg, J.M.**, A lower bound for two-server balancing algorithms 52 (1994) 39
**Klenk, K.S.**, *see* **Chen, D.Z.** 57 (1996) 313
**Klenk, K.S.**, *see* **Chen, D.Z.** 60 (1996) 105
**Kloks, T.**, $K_{1,3}$-free and $W_4$-free graphs 60 (1996) 221
**Kloks, T.** and **D. Kratsch**, Computing a perfect edge without vertex elimination ordering of a chordal bipartite graph 55 (1995) 11
**Kloks, T.**, *see* **Blokhuis, A.** 54 (1995) 301
**Ko, M.-Y.**, *see* **Hwang, T.** 53 (1995) 103
**Köbler, J.**, *see* **Arvind, V.** 56 (1995) 109
**Kocberber, S.** and **F. Can**, Partial evaluation of queries for bit-sliced signature files 60 (1996) 305
**Koczkodaj, W.W.**, *see* **Duszak, Z.** 52 (1994) 273
**Koczkodaj, W.W.**, *see* **Herman, M.W.** 57 (1996) 25
**Koczkodaj, W.W.**, *see* **Holsztyński, W.** 59 (1996) 197
**Kolountzakis, M.N.**, *see* **Kavraki, L.E.** 55 (1995) 159
**Kornerup, J.**, Mapping a functional notation for parallel programs onto hypercubes 53 (1995) 153
**Korsh, J.F.**, Loopless generation of $k$-ary tree sequences 52 (1994) 243
**Koutsoupias, E.** and **C. Papadimitriou**, The 2-evader problem 57 (1996) 249
**Kranakis, E.**, *see* **Diks, K.** 51 (1994) 1
**Kratsch, D.**, *see* **Kloks, T.** 55 (1995) 11
**Krishnamachari, B.R.** and **R. Mittal**, Design and analysis of a generalized multi-ring architecture 58 (1996) 17
**Krishnamoorthy, M.**, *see* **Erlingsson, Ú.** 60 (1996) 115
**Krizanc, D.**, *see* **Diks, K.** 51 (1994) 1
**Krumke, S.O.**, On a generalization of the $p$-Center Problem 56 (1995) 67
**Kruszewski, P.**, *see* **Devroye, L.** 52 (1994) 155
**Kruszewski, P.**, *see* **Devroye, L.** 56 (1995) 95
**Krznaric, D.**, *see* **Levcopoulos, C.** 57 (1996) 129
**Kucherov, G.** and **M. Rusinowitch**, Undecidability of ground reducibility for word rewriting systems with variables 53 (1995) 209
**Kuich, W.**, Representations and complete semiring morphisms 56 (1995) 293
**Kulasinghe, P.** and **S. Bettayeb**, Multiply-twisted hypercube with five or more dimensions is not vertex-transitive 53 (1995) 33
**Kulkarni, S.**, *see* **Malhotra, V.M.** 58 (1996) 201
**Kumar, S.**, *see* **Harikumar, S.** 58 (1996) 11
**Kummer, M.**, A learning-theoretic characterization of classes of recursive functions 54 (1995) 205
**Kuo, Y.-C.** and **S.-T. Huang**, A simple scheme to construct $k$-coteries with $O(\sqrt{N})$ uniform quorum sizes 59 (1996) 31
**Kurosawa, K., K. Okada** and **S. Tsujii**, Low exponent attack against elliptic curve RSA 53 (1995) 77
**Kurosawa, K.** and **K. Okada**, Combinatorial lower bounds for secret sharing schemes 60 (1996) 301
**Kurosawa, K.**, *see* **Obana, S.** 58 (1996) 293
**Kurosawa, K.**, *see* **Ogata, W.** 58 (1996) 285
**Kuzjurin, N.N.**, Multi-processor scheduling and expanders 51 (1994) 315

**Lacoste, T.**, Finitistic proofs of 0-1 laws for fragments of second-order logic 58 (1996) 1
**Lagergren, J.**, *see* **Kann, V.** 58 (1996) 105
**Lahav (Haddad), S.**, *see* **Hassin, R.** 52 (1994) 87
**Laih, C.-S., F.-K. Tu** and **W.-C. Tai**, On the security of the Lucas function 53 (1995) 243
**Lam, N.H.**, A note on codes having no finite completions 55 (1995) 185
**Lamma, E.**, *see* **Ciampolini, A.** 58 (1996) 163
**Laporte, G.**, *see* **Eiselt, H.A.** 58 (1996) 71
**Larmore, L.L.** and **W. Rytter**, An optimal sublinear time parallel algorithm for some dynamic programming problems 52 (1994) 31
**Laroussinie, F.**, About the expressive power of *CTL* combinators 54 (1995) 343
**Larson, S.M.**, *see* **Cull, P.** 55 (1995) 53
**Latifi, S.**, *see* **De Azevedo, M.M.** 58 (1996) 81
**Lau, M.F.**, *see* **Chen, T.Y.** 60 (1996) 135
**Lawler, E.L.** and **S. Sarkissian**, An algorithm for "ělam's Game" and its application to error correcting codes 56 (1995) 89
**Lee, C.-Y.**, *see* **Wang, Y.-L.** 56 (1995) 83
**Lee, D.-T.**, Semantic data modelling using linear logic 60 (1996) 19
**Lee, D.T.**, *see* **Alsuwaiyel, M.H.** 55 (1995) 75
**Lee, E.-J.** and **K.-M. Choe**, Grammar coverings of a deterministic parser with action conflicts 51 (1994) 85
**Lee, N.-Y.**, *see* **Hwang, T.** 53 (1995) 103
**Lee, P.J.**, *see* **Lim, C.H.** 53 (1995) 91
**Lee, R.C.T.**, *see* **Liaw, B.-C.** 52 (1994) 69
**Lee, R.C.T.**, *see* **Peng, C.H.** 52 (1994) 77
**Lee, S.** and **J.L. Kim**, Resolving all deadlocks in distributed systems 55 (1995) 265
**Lee, S.-H., D.-H. Kim** and **K.-M. Choe**, Path for AND-parallel execution of logic programs 52 (1994) 191
**Lee, S.-W.**, *see* **Huang, C.-M.** 55 (1995) 1
**Lee, W.-B.** and **C.-C. Chang**, Integrating authentication in public key distribution system 57 (1996) 49
**Lee, Y.J.**, *see* **Seo, S.K.** 58 (1996) 123
**Lefmann, H.**, *see* **Hofmeister, T.** 58 (1996) 207
**Leino, R.K.M.**, Constructing a program with exceptions 53 (1995) 159
**Leng, P.H.**, *see* **Dunne, P.E.** 54 (1995) 23

**Lenhart, W.** and **G. Liotta**, Drawing outerplanar minimum weight triangulations 57 (1996) 253
**Leung, H., D. Ranjan, H.J. Hernández, D. Tang** and **A. González**, A simple proof on the decidability of equivalence between recursive and nonrecursive Datalog programs 55 (1995) 279
**Leung, J.Y.-T.** and **W.-D. Wei**, Tighter bounds on a heuristic for a partition problem 56 (1995) 51
**Leung, J.Y.-T.**, *see* **Hong, D.** 55 (1995) 17
**Levcopoulos, C.** and **D. Krznaric**, Tight lower bounds for minimum weight–triangulation heuristics 57 (1996) 129
**Levcopoulos, C.**, *see* **Aspvall, B.** 57 (1996) 89
**Li, C.-M.**, *see* **Hwang, T.** 53 (1995) 103
**Liang, W.**, Fast parallel algorithms for the approximate edge-coloring problem 55 (1995) 333
**Liang, W., B.D. McKay** and **H. Shen**, NC algorithms for dynamically solving the all pairs shortest paths problem and related problems 58 (1996) 149
**Liang, W.**, *see* **Shen, X.** 51 (1994) 237
**Liang, Y.D.**, On the feedback vertex set problem in permutation graphs 52 (1994) 123
**Liang, Y.D.**, Dominations in trapezoid graphs 52 (1994) 309
**Liang, Y.D.**, Steiner set and connected domination in trapezoid graphs 56 (1995) 101
**Liang, Y.D.** and **N. Blum**, Circular convex bipartite graphs: Maximum matching and Hamiltonian circuits 56 (1995) 215
**Liang, Y.D.** and **C. Rhee**, Finding biconnected components in $O(n)$ time for a class of graphs 60 (1996) 159
**Liang, Y.D.**, *see* **Rhee, C.** 57 (1996) 287
**Liaw, B.-C.** and **R.C.T. Lee**, An optimal algorithm to solve the minimum weakly cooperative guards problem for 1-spiral polygons 52 (1994) 69
**Libkin, L.** and **L. Wong**, On representation and querying incomplete information in databases with bags 56 (1995) 209
**Likas, A.** and **A. Stafylopatis**, A parallel algorithm for the minimum weighted vertex cover problem 53 (1995) 229
**Lim, A.**, Minimum area joining of $k$ compacted cells 58 (1996) 265
**Lim, C.H.** and **P.J. Lee**, Several practical protocols for authentication and key exchange 53 (1995) 91
**Lin, H.-Y.** and **L. Harn**, Fair reconstruction of a secret 55 (1995) 45
**Lin, Y.-C.**, Perfectly overlapped merging and sorting on a two-way linear array 60 (1996) 183
**Lingas, A.**, *see* **Aspvall, B.** 57 (1996) 89
**Lingas, A.**, *see* **Garrido, O.** 57 (1996) 83
**Lingas, A.**, *see* **Garrido, O.** 58 (1996) 55
**Liotta, G.**, *see* **Lenhart, W.** 57 (1996) 253
**Lipton, R.J.**, On proving that a graph has no large clique: A connection with Ramsey theory 58 (1996) 39
**Litovsky, I.**, *see* **Julia, S.** 60 (1996) 1
**Litow, B.**, The influence of graph structure on generalized dimension exchange 54 (1995) 347
**Lloyd, E.L.**, *see* **Ivković, Z.** 59 (1996) 229
**Löbbing, M.**, *see* **Bollig, B.** 59 (1996) 233
**Long, P.M.**, Halfspace learning, linear programming, and nonmalicious distributions 51 (1994) 245
**López, D.**, *see* **Sempere, J.M.** 56 (1995) 201
**López-Ortiz, A.**, New lower bounds for element distinctness on a one-tape Turing machine 51 (1994) 311
**Lowe, G.**, An attack on the Needham–Schroeder public-key authentication protocol 56 (1995) 131
**Lozano, A.**, *see* **Borchert, B.** 59 (1996) 211
**Lu, E.-H., Y.-C. Chen** and **H.-P. Wuu**, A complete decoding algorithm for double-error-correcting primitive binary BCH codes of odd $m$ 51 (1994) 117
**Lu, E.-H., Y.-C. Cheng** and **H.-P. Wuu**, A complete decoding algorithm for double-error-correcting primitive binary BCH codes of odd $m$ (*Corrigendum*) 52 (1994) 341
**Lu, H.**, *see* **Tan, K.-L.** 55 (1995) 251
**Lu, M.**, *see* **Nagumo, H.** 59 (1996) 91
**Luccio, F.** and **A. Pedrotti**, A parallel list update problem 52 (1994) 277
**Lund, C.**, *see* **Broder, A.Z.** 55 (1995) 329
**Lunn, A.D.**, *see* **May, J.H.R.** 53 (1995) 307
**Lyon, G.**, *see* **Snelick, R.** 54 (1995) 147
**Lysne, O.**, Extending Bachmair's method for proof by consistency to the final algebra 51 (1994) 303

**Macarie, I.I.**, Decreasing the bandwidth of a transition matrix 53 (1995) 315
**Madanlal, M.S., G. Venkatesan** and **C. Pandu Rangan**, Tree 3-spanners on interval, permutation and regular bipartite graphs 59 (1996) 97
**Madhukar, K.**, *see* **Srinivasan, A.** 56 (1995) 165
**Maffioli, F.**, *see* **Galbiati, G.** 52 (1994) 45
**Mah, P.S.**, *see* **Chung, S.M.** 59 (1996) 109
**Mahajan, M., T. Thierauf** and **N.V. Vinodchandran**, A note on SpanP functions 51 (1994) 7
**Mahajan, M.** and **N.V. Vinodchandran**, A note on *Mod* and generalised *Mod* classes 55 (1995) 27
**Maibaum, T.S.E.**, *see* **Veloso, P.A.S.** 53 (1995) 287
**Majster-Cederbaum, M.E.**, *see* **Baier, C.** 59 (1996) 135
**Makki, S.A.M.** and **G. Havas**, Distributed algorithms for depth-first search 60 (1996) 7
**Malhotra, V.M., B. Srinivasan** and **S. Kulkarni**, Storage-efficient data structure for large lookup dictionaries 58 (1996) 201
**Manku, G.S.**, A linear time algorithm for the Bottleneck Biconnected Spanning Subgraph problem 59 (1996) 1
**Mans, B.**, *see* **Diks, K.** 51 (1994) 1
**Mansour, Y.**, *see* **Alon, N.** 54 (1995) 337
**Manzini, G.**, *see* **Codenotti, B.** 56 (1995) 191
**Manzur Murshed, M.** and **M. Kaykobad**, Seek distances in two-headed disk systems 57 (1996) 205
**Marathe, M.V.** and **S.S. Ravi**, On approximation algorithms for the minimum satisfiability problem 58 (1996) 23
**Marchetti-Spaccamela, A., U. Nanni** and **H. Rohnert**, Maintaining a topological order under edge insertions 59 (1996) 53
**Margara, L.**, *see* **Codenotti, B.** 56 (1995) 191
**Marriott, K.**, *see* **Huynh, T.** 55 (1995) 111
**Martel, C.U.**, Maximum finding on a multiple access broadcast network 52 (1994) 7
**Martel, C.U.**, *see* **Hui, L.C.K.** 58 (1996) 231

**Maruoka, A.**, *see* **Jimbo, S.** 51 (1994) 17
**Masuyama, S.**, *see* **Cheng, P.** 51 (1994) 195
**Masuzawa, T.**, *see* **Fujiwara, A.** 54 (1995) 295
**Mathematics of Program Construction Group**, Fixed-point calculus 53 (1995) 131
**Matias, Y.**, *see* **Gil, J.** 51 (1994) 31
**Matoušek, J.**, On enclosing $k$ points by a circle 53 (1995) 217
**Mattern, F.**, *see* **Singhal, M.** 55 (1995) 117
**May, J.H.R.** and **A.D. Lunn**, New statistics for demand-based software testing 53 (1995) 307
**Mayo, J.** and **P. Kearns**, Distributed termination detection with roughly synchronized clocks 52 (1994) 105
**Mazzanti, S.**, Succinct iterative characterizations of primitive computable unary functions 56 (1995) 315
**McIver, A.**, *see* **Morgan, C.** 59 (1996) 159
**McKay, B.D.**, *see* **Liang, W.** 58 (1996) 149
**Mehlhorn, K.**, *see* **Bilardi, G.** 51 (1994) 101
**Mei, A.** and **Y. Igarashi**, An efficient strategy for robot navigation in unknown environment 52 (1994) 51
**Meidanis, J.**, *see* **Herrera de Figueiredo, C.M.** 56 (1995) 179
**Melançon, G.**, Viennot factorization of infinite words 60 (1996) 53
**Melkman, A.A.** and **S.E. Shimony**, Algorithms for parsimonious complete sets in directed graphs 59 (1996) 335
**Mello, P.**, *see* **Ciampolini, A.** 58 (1996) 163
**Mereghetti, C.** and **G. Pighizzini**, A remark on middle space bounded alternating Turing machines 56 (1995) 229
**Mereghetti, C.**, *see* **Bertoni, A.** 52 (1994) 339
**Merlini, D., R. Sprugnoli** and **M.C. Verri**, A uniform model for the storage utilization of B-tree-like structures 57 (1996) 53
**Métivier, Y.** and **N. Saheb**, Medians and centres of polyominoes 57 (1996) 175
**Michael, M.M.**, *see* **Hunt, G.C.** 60 (1996) 151
**Mitchell, J.S.B., G. Rote, G. Sundaram** and **G. Woeginger**, Counting convex polygons in planar point sets 56 (1995) 45
**Mittal, R.**, *see* **Krishnamachari, B.R.** 58 (1996) 17
**Mizuno, M.**, *see* **Neilsen, M.N.** 60 (1996) 319
**Mo, J.**, *see* **Wagh, M.D.** 60 (1996) 177
**Mogensen, T.Æ.**, WORM-2DPDAs: An extension to 2DPDAs that can be simulated in linear time 52 (1994) 15
**Monti, A.**, On the computational complexity of graph closures 57 (1996) 291
**Monti, A.** and **A. Roncato**, Completeness results concerning systolic tree automata and E0L languages 53 (1995) 11
**Monti, A.** and **A. Roncato**, A gap theorem for the anonymous torus 57 (1996) 279
**Moore, D.** and **W.F. Smyth**, A correction to "An optimal algorithm to compute all the covers of a string" 54 (1995) 101
**Morgan, C.** and **A. McIver**, Unifying *wp* and *wlp* 59 (1996) 159
**Moriya, T.** and **H. Yamasaki**, Literal shuffle on $\omega$-languages 59 (1996) 165
**Morzenti, A.**, *see* **Galbiati, G.** 52 (1994) 45
**Müller, M., C. Rüb** and **W. Rülling**, A circuit for exact summation of floating-point numbers 57 (1996) 159
**Mundhenk, M.**, *see* **Arvind, V.** 56 (1995) 109
**Muscholl, A.** and **H. Petersen**, A note on the commutative closure of star-free languages 57 (1996) 71
**Myers, G.**, Approximately matching context-free languages 54 (1995) 85

**Nagai, N.**, *see* **Zhou, X.** 56 (1995) 321
**Nagaraj, S.V.**, *see* **Balasubramanian, R.** 58 (1996) 59
**Nagavamsi, P.**, *see* **Balachandran, V.** 58 (1996) 181
**Nagavamsi, P.**, *see* **Srinivasan, A.** 56 (1995) 165
**Nagumo, H., M. Lu** and **K. Watson**, On-line longest fragment first parsing algorithm 59 (1996) 91
**Nanni, U.**, *see* **Marchetti-Spaccamela, A.** 59 (1996) 53
**Nassar, H.**, A Markov model for multibus multiprocessor systems under asynchronous operation 54 (1995) 11
**Nassif, N.** and **N. Bagherzadeh**, A grid embedding into the star graph for image analysis solutions 60 (1996) 255
**Natarajan, S.**, *see* **Corneil, D.G.** 55 (1995) 99
**Natschläger, T.** and **M. Schmitt**, Exact VC-dimension of Boolean monomials 59 (1996) 19
**Natschläger, T.** and **M. Schmitt**, Erratum to "Exact VC-dimension of Boolean monomials". Information Processing Letters 59 (1) (8 July 1996) 19–20 60 (1996) 107
**Natu, M.** and **S.-C. Fang**, On the point-to-point connection problem 53 (1995) 333
**Nayak, A., V. Accia** and **P. Gissi**, A note on isomorphic chordal rings 55 (1995) 339
**Nayak, A., V. Acciaro** and **P. Gissi**, A note on isomorphic chordal rings (*Erratum*) 57 (1996) 115
**Neilsen, M.N.** and **M. Mizuno**, Erratum to "Nondominated $k$-coteries for multiple mutual exclusion". Information Processing Letters 50 (5) (10 June 1994) 247–252 60 (1996) 319
**Neufeld, S.W.**, A pursuit-evasion problem on a grid 58 (1996) 5
**Ni, W.-C.**, *see* **Chen, W.-C.** 51 (1994) 129
**Nielsen, F.**, Output-sensitive peeling of convex and maximal layers 59 (1996) 255
**Nievergelt, J.** and **N. Deo**, Metric graphs elastically embeddable in the plane 55 (1995) 309
**Nikolik, B.**, Constraint preservation through loops 55 (1995) 143
**Nikolopoulos, S.D.**, Constant-time parallel recognition of split graphs 54 (1995) 1
**Nishino, T.**, *see* **Tanaka, K.** 59 (1996) 273
**Nishitani, Y.**, *see* **Obokata, K.** 58 (1996) 117
**Nishizeki, T.**, *see* **Zhou, X.** 56 (1995) 321
**Nitsche, U.** and **P. Ochsenschläger**, Approximaely satisfied properties of systems and simple language homomorphisms 60 (1996) 201
**Nuutila, E.**, An efficient transitive closure algorithm for cyclic digraphs 52 (1994) 207
**Nyström, S.-O.**, There is no fully abstract fixpoint semantics for non-deterministic languages with infinite computations 60 (1996) 289

**Obana, S.** and **K. Kurosawa**, Veto is impossible in secret sharing schemes 58 (1996) 293

**Oberoi, S.**, $\lambda_{\beta'}$ – A λ-calculus with a generalized β-reduction rule 54 (1995) 45
**Obokata, K., Y. Nishitani** and **Y. Igarashi**, A probably optimal embedding of hyper-rings in hypercubes 58 (1996) 117
**Ochsenschläger, P.**, *see* **Nitsche, U.** 60 (1996) 201
**O'Connor, L.**, An upper bound on the number of functions satisfying the Strict Avalanche Criterion 52 (1994) 325
**O'Connor, L.**, A new lower bound on the expected size of irredundant forms for Boolean functions 53 (1995) 347
**Oellermann, O.** and **J.P. Spinrad**, A polynomial algorithm for testing whether a graph is 3-Steiner distance hereditary 55 (1995) 149
**Ogata, W., K. Sakano** and **K. Kurosawa**, Multisymbol majority vote and hard core 58 (1996) 285
**Ogihara, M.**, On helping by parity-like languages 54 (1995) 41
**Ogihara, M.**, Functions computable with limited access to NP 58 (1996) 35
**Ohlebusch, E.**, Termination is not modular for confluent variable-preserving term rewriting systems 53 (1995) 223
**Okada, K.**, *see* **Kurosawa, K.** 53 (1995) 77
**Okada, K.**, *see* **Kurosawa, K.** 60 (1996) 301
**Olariu, S.**, *see* **Bokka, V.** 56 (1995) 273
**Olariu, S.**, *see* **Corneil, D.G.** 54 (1995) 253
**Olariu, S.**, *see* **Corneil, D.G.** 55 (1995) 99
**O'Rourke, J.**, *see* **Estivill-Castro, V.** 56 (1995) 9
**Osawa, S.**, *see* **Igarashi, Y.** 51 (1994) 35
**Otto, F.**, Solvability of word equations modulo finite special and confluent string-rewriting systems is undecidable in general 53 (1995) 237
**Otto, M.**, A note on the number of monadic quantifiers in monadic $\Sigma^1_1$ 53 (1995) 337
**Otto, M.** and **J. van den Bussche**, First-order queries on databases embedded in an infinite structure 60 (1996) 37
**Oyang, Y.-J.**, A tight upper bound of the lumped disk seek time for the Scan disk scheduling policy 54 (1995) 355

**Page Jr, C.D.**, *see* **Frazier, M.** 51 (1994) 67
**Pallo, J.**, *see* **Germain, C.** 60 (1996) 283
**Panaite, P.**, Hypercube permutations routable under all dimension orderings 59 (1996) 185
**Panconesi, A.**, *see* **Kann, V.** 58 (1996) 105
**Panda, B.S.**, New linear time algorithms for generating perfect elimination orderings of chordal graphs 58 (1996) 111
**Pandu Rangan, C.**, *see* **Easwarakumar, K.S.** 51 (1994) 121
**Pandu Rangan, C.**, *see* **Srinivasan, A.** 56 (1995) 165
**Pandu Rangan, C.**, *see* **Balachandran, V.** 58 (1996) 181
**Pandu Rangan, C.**, *see* **Madanlal, M.S.** 59 (1996) 97
**Pandu Rangan, C.**, *see* **Aranha, R.F.M.** 59 (1996) 145
**Pandu Rangan, C.**, *see* **Venkatesan, G.** 60 (1996) 249
**Pankowska, L.**, *see* **Gawiejnowicz, S.** 54 (1995) 175
**Papadimitriou, C.**, *see* **Koutsoupias, E.** 57 (1996) 249
**Parberry, I.**, A real-time algorithm for the $(n^2 - 1)$-puzzle 56 (1995) 23
**Parhami, B.**, *see* **Hung, C.Y.** 51 (1994) 163
**Park, J.-H.**, *see* **Kim, S.-H.** 53 (1995) 359
**Park, U.K., H.K. Choi** and **T.G. Kim**, Uniform partitioning of relations using histogram equalization framework: An efficient parallel hash-based join 55 (1995) 283
**Park, Y.** and **B. Goldberg**, Static analysis for optimizing reference counting 55 (1995) 229
**Park, Y.G.** and **B. Goldberg**, Order-of-demand analysis for lazy languages 55 (1995) 343
**Parlati, G.**, *see* **De Prisco, R.** 59 (1996) 309
**Parthasarathy, S.**, *see* **Hunt, G.C.** 60 (1996) 151
**Patrou, B.**, *see* **Julia, S.** 60 (1996) 1
**Păun, G.**, Splicing systems with targets are computationally universal 59 (1996) 129
**Payne, T.H.**, *see* **Chrobak, M.** 54 (1995) 241
**Pedrotti, A.**, Analysis of a list-update strategy 52 (1994) 115
**Pedrotti, A.**, *see* **Luccio, F.** 52 (1994) 277
**Pelc, A.**, *see* **Diks, K.** 51 (1994) 1
**Peng, C.H., J.S. Wang** and **R.C.T. Lee**, Recognizing shortest-path trees in linear time 52 (1994) 77
**Peng, S.**, *see* **Gu, Q.-P.** 56 (1995) 29
**Perleberg, C.H.**, *see* **Baeza-Yates, R.A.** 59 (1996) 21
**Perotti, M.C.**, *see* **Barsi, F.** 55 (1995) 25
**Persiano, G.**, *see* **De Prisco, R.** 53 (1995) 201
**Persiano, G.**, *see* **De Prisco, R.** 59 (1996) 309
**Petersen, H.**, Refined simulation of multihead automata 52 (1994) 229
**Petersen, H.**, On the determinacy problem for two-way pushdown automata 52 (1994) 323
**Petersen, H.**, On space functions fully constructed by two-dimensional Turing machines 54 (1995) 9
**Petersen, H.**, *see* **Muscholl, A.** 57 (1996) 71
**Petreschi, R.** and **A. Sterbini**, Recognizing strict 2-threshold graphs in $O(m)$ time (*Erratum*) 56 (1995) 65
**Petreschim, R.** and **A. Sterbini**, Recognizing strict 2-threshold graphs in $O(m)$ time 54 (1995) 193
**Phillips, S.**, *see* **Broder, A.Z.** 55 (1995) 329
**Picinin de Mello, C.**, *see* **Herrera de Figueiredo, C.M.** 56 (1995) 179
**Pighizzini, G.**, *see* **Bertoni, A.** 52 (1994) 339
**Pighizzini, G.**, *see* **Mereghetti, C.** 56 (1995) 229
**Pin, J.-E.**, A negative answer to a question of Wilke on varieties of ω-languages 56 (1995) 197
**Pinotti, M.C.**, *see* **Barsi, F.** 56 (1995) 121
**Pitassi, T.**, *see* **Iwama, K.** 54 (1995) 289
**Pitoura, E.**, *see* **Fudos, I.** 57 (1996) 307
**Pitsch, G.**, LR($k$)-coupled-context-free grammars 55 (1995) 349
**Plandowski, W., W. Rytter** and **T. Szymacha**, Parallel tree-contraction and Fibonacci numbers 59 (1996) 267
**Porto, S.C.S.**, *see* **Barbosa, V.C.** 53 (1995) 261
**Prather, R.E.**, The subprogram problem for software metric design 60 (1996) 143
**Pritchard, P.**, A simple sub-quadratic algorithm for computing the subset partial order 56 (1995) 337
**Prodinger, H.**, Multiple Quickselect – Hoare's Find algorithm for several elements 56 (1995) 123
**Protasi, M.**, *see* **Ausiello, G.** 54 (1995) 73
**Pruhs, K.R.**, Average-case scalable on-line algorithms for fault replacement 52 (1994) 131
**Przytycka, T.M.**, *see* **Czumaj, A.** 59 (1996) 289

**Przytycka, T.M.**, *see* **Farach, M.** 55 (1995) 297
**Przytycka, T.**, *see* **Higham, L.** 58 (1996) 319

**Ra, D.-Y.** and **J.-H. Kim**, A parallel parsing algorithm for arbitrary context-free grammars 58 (1996) 87
**Raghavan, P.**, *see* **Broder, A.Z.** 56 (1995) 79
**Ramachandran, J.**, Modulo classes and logarithmic advice 55 (1995) 241
**Ramalingam, G.** and **T. Reps**, On competitive on-line algorithms for the dynamic priority-ordering problem 51 (1994) 155
**Raman, R.**, *see* **Dietz, P.F.** 52 (1994) 147
**Raman, T.V.**, *see* **Erlingsson, Ú.** 60 (1996) 115
**Ramnath, S.** and **S. Sunder**, On two-processor scheduling and maximum matching in permutation graphs 57 (1996) 321
**Ramnath, S.**, *see* **Shen, H.** 59 (1996) 117
**Rangarajan, K.**, *see* **Thirusangu, K.** 55 (1995) 211
**Ranjan, D.**, *see* **Leung, H.** 55 (1995) 279
**Rao, N.M.**, *see* **Saxena, S.** 56 (1995) 37
**Rao, R.P.N.**, A note on P-selective sets and closeness 54 (1995) 179
**Rao, R.P.N., J. Rothe** and **O. Watanabe**, Upward separation for FewP and related classes 52 (1994) 175
**Rao, V.V.B.**, *see* **Bapiraju, V.** 51 (1994) 125
**Raspaud, A.** and **E. Sopena**, Good and semi-strong colorings of oriented planar graphs 51 (1994) 171
**Raspaud, A.**, *see* **Barth, D.** 51 (1994) 175
**Ravi, S.S.**, *see* **Marathe, M.V.** 58 (1996) 23
**Raychaudhuri, A.**, The total interval number of a tree and the Hamiltonian completion number of its line graph 56 (1995) 299
**Raynal, M.**, *see* **Fromentin, E.** 54 (1995) 267
**Raz, Y.**, Serializability by commitment ordering 51 (1994) 257
**Rehof, J.**, Strong normalization for non-structural subtyping via saturated sets 58 (1996) 157
**Reingold, N.** and **J. Westbrook**, Off-line algorithms for the list update problem 60 (1996) 75
**Reingold, N.**, *see* **Broder, A.Z.** 55 (1995) 329
**Reps, T.**, *see* **Ramalingam, G.** 51 (1994) 155
**Rescigno, A.A.**, On the communication complexity of polling 59 (1996) 317
**Rhee, C.** and **Y.D. Liang**, An NC algorithm for the clique cover problem in cocomparability graphs and its application 57 (1996) 287
**Rhee, C.**, *see* **Liang, Y.D.** 60 (1996) 159
**Ritter, G.X.**, *see* **Shi, H.** 55 (1995) 137
**Rittri, M.**, Semi-unification of two terms in Abelian groups 52 (1994) 61
**Rittri, M.**, Semi-unification of two terms in Abelian groups (*Corrigendum*) 53 (1995) 235
**Rochow, H.**, *see* **Blum, N.** 51 (1994) 57
**Rohnert, H.**, *see* **Marchetti-Spaccamela, A.** 59 (1996) 53
**Romijn, J.** and **F. Vaandrager**, A note on fairness in I/O automata 59 (1996) 245
**Ron, D.**, *see* **Ben-Or, M.** 57 (1996) 329
**Roncato, A.**, *see* **Monti, A.** 53 (1995) 11
**Roncato, A.**, *see* **Monti, A.** 57 (1996) 279
**Roos, T.** and **P. Widmayer**, *k*-Violation linear programming 52 (1994) 109
**Rote, G.**, *see* **Deĭneko, V.G.** 51 (1994) 141
**Rote, G.**, *see* **Mitchell, J.S.B.** 56 (1995) 45
**Rotem, D.**, *see* **Seshadri, S.** 57 (1996) 273
**Rothe, J.**, *see* **Rao, R.P.N.** 52 (1994) 175
**Roy, T.S.**, *see* **Athithan, G.** 59 (1996) 223
**Rüb, C.**, *see* **Müller, M.** 57 (1996) 159
**Rubinstein, R.S.** and **J.N. Shutt**, Self-modifying finite automata: An introduction 56 (1995) 185
**Rubinstein, S.**, *see* **Hassin, R.** 51 (1994) 133
**Rülling, W.**, *see* **Müller, M.** 57 (1996) 159
**Rusinowitch, M.**, *see* **Kucherov, G.** 53 (1995) 209
**Russell, A.** and **R. Sundaram**, The relativized relationship between probabilistically checkable debate systems, IP and PSPACE 53 (1995) 61
**Rusu, I.**, Quasi-parity and perfect graphs 54 (1995) 35
**Rytter, W.**, *see* **Garrido, O.** 57 (1996) 83
**Rytter, W.**, *see* **Larmore, L.L.** 52 (1994) 31
**Rytter, W.**, *see* **Plandowski, W.** 59 (1996) 267

**Saab, Y.**, Iterative improvement of vertex covers 55 (1995) 95
**Saccà, D.**, Multiple total stable models are definitely needed to solve unique solution problems 58 (1996) 249
**Saheb, N.**, *see* **Mĕtivier, Y.** 57 (1996) 175
**Sajith, G.** and **S. Saxena**, Optimal parallel algorithms for coloring bounded degree graphs and finding maximal independent sets in rooted trees (*Corrigendum*) 54 (1995) 305
**Sakano, K.**, *see* **Ogata, W.** 58 (1996) 285
**Sakurai, K.**, *see* **Yanbe, A.** 57 (1996) 17
**Salinier, B.**, *see* **Durand, I.** 52 (1994) 137
**Salomaa, K.**, Yield-languages of two-way pushdown tree automata 58 (1996) 195
**Santos, F.**, Inscribing a symmetric body in an ellipse 59 (1996) 175
**Sarkissian, S.**, *see* **Lawler, E.L.** 56 (1995) 89
**Saxena, S.** and **N.M. Rao**, Parallel algorithms for connectivity problems on interval graphs 56 (1995) 37
**Saxena, S.**, *see* **Sajith, G.** 54 (1995) 305
**Schach, S.R.**, *see* **Binkley, A.B.** 58 (1996) 271
**Schlipf, J.S., F.S. Annexstein, J.V. Franco** and **R.P. Swaminathan**, On finding solutions for extended Horn formulas 54 (1995) 133
**Schmeiser, J.P.** and **D.T. Barnard**, Producing a top-down parse order with bottom-up parsing 54 (1995) 323
**Schmitt, M.**, *see* **Natschläger, T.** 59 (1996) 19
**Schmitt, M.**, *see* **Natschläger, T.** 60 (1996) 107
**Schneider, F.B.**, *see* **Gries, D.** 53 (1995) 145
**Scholefield, D.**, *see* **Atkinson, S.** 55 (1995) 201
**Schuler, R.**, Some properties of sets tractable under every polynomial-time computable distribution 55 (1995) 179
**Schwarzkopf, O.** and **J. Vleugels**, Range searching in low-density environments 60 (1996) 121
**Schwing, J.L.**, *see* **Bokka, V.** 56 (1995) 273
**Scott, M.L.**, *see* **Hunt, G.C.** 60 (1996) 151
**Seiden, S.S.** and **D.S. Hirschberg**, Finding succinct ordered minimal perfect hash functions 51 (1994) 283
**Seidl, H.**, Haskell overloading is DEXPTIME-complete 52 (1994) 57
**Seidl, H.**, Fast and simple nested fixpoints 59 (1996) 303

**Sempere, J.M.** and **D. López**, A McCulloch–Pitts neural net to characterize even linear languages 56 (1995) 201
**Sen, R.K.**, *see* **Datta, A.K.** 55 (1995) 41
**Sengupta, A.** and **S. Viswanathan**, On fault-tolerant fixed routing in hypercubes 51 (1994) 93
**Sengupta, A.**, *see* **Viswanathan, S.** 57 (1996) 265
**Seo, S.K.** and **Y.J. Lee**, Applicability of genetic algorithms to optimal evaluation of path predicates in object-oriented queries 58 (1996) 123
**Sere, K.**, Procedures and atomicity refinement 60 (1996) 67
**Serra, O.**, *see* **Abellanas, M.** 57 (1996) 165
**Seshadri, S.** and **D. Rotem**, The two headed disk: Stochastic dominance of the greedy policy 57 (1996) 273
**Shah, N.R.**, *see* **Dey, T.K.** 51 (1994) 227
**Shallit, J.**, *see* **Tromp, J.** 54 (1995) 313
**Shallit, J.**, *see* **Glaister, I.** 59 (1996) 75
**Sharir, M.**, Excess in arrangements of segments 58 (1996) 245
**Sharir, M.**, *see* **Halperin, D.** 51 (1994) 53
**Shavitt, Y.**, *see* **Cidon, I.** 54 (1995) 111
**Shen, H.** and **S. Ramnath**, Optimal parallel selection in sorted matrices 59 (1996) 117
**Shen, H.**, *see* **Chen, S.D.** 52 (1994) 35
**Shen, H.**, *see* **Liang, W.** 58 (1996) 149
**Shen, H.**, *see* **Venema, S.** 60 (1996) 243
**Shen, X., Q. Hu** and **W. Liang**, Realization of an arbitrary permutation on a hypercube 51 (1994) 237
**Shi, H., G.X. Ritter** and **J.N. Wilson**, Simulations between two reconfigurable mesh models 55 (1995) 137
**Shiau, S.-H.** and **C.-B. Yang**, A fast maximum finding algorithm on broadcast communication 60 (1996) 81
**Shidlovsky, B.** and **E. Bertino**, On the number of descendants in an object DAG 58 (1996) 211
**Shieh, S.-P.**, *see* **Sun, H.-M.** 52 (1994) 201
**Shimony, S.E.**, *see* **Melkman, A.A.** 59 (1996) 335
**Shin, S.Y.**, *see* **Kim, S.-H.** 53 (1995) 359
**Shiratori, N.**, *see* **Kimura, S.** 58 (1996) 97
**Shutt, J.N.**, *see* **Rubinstein, R.S.** 56 (1995) 185
**Simon, K.**, A note on lexicographic breadth first search for chordal graphs 54 (1995) 249
**Simovici, D.A.**, *see* **Baclawski, K.** 57 (1996) 211
**Sinachopoulos, A.**, Logics and decidability for labelled pre- and partially ordered Kripke structures 51 (1994) 43
**Singhal, M.** and **F. Mattern**, An optimality proof for asynchronous recovery algorithms in distributed systems 55 (1995) 117
**Sivagurunathan, Y.**, *see* **Danicic, S.** 56 (1995) 307
**Skillicorn, D.B.**, A parallel tree difference algorithm 60 (1996) 231
**Sloan, R.H.**, Four types of noise in data for PAC learning 54 (1995) 157
**Slutzki, G.**, *see* **Jha, P.K.** 55 (1995) 123
**Smith, C.H.**, *see* **Tu, H.-C.** 53 (1995) 185
**Smith, G.**, *see* **Volpano, D.** 56 (1995) 141
**Smyth, W.F.**, *see* **Moore, D.** 54 (1995) 101
**Snelick, R., J. JáJá, R. Kacker** and **G. Lyon**, Using synthetic perturbations and statistical screening to assay shared-memory programs 54 (1995) 147
**Song, X.**, *see* **Tan, X.** 55 (1995) 223
**Sopena, E.**, *see* **Raspaud, A.** 51 (1994) 171
**Sorenson, J.**, *see* **Dunten, B.** 59 (1996) 79
**Sotteau, D.**, *see* **Heydemann, M.C.** 53 (1995) 255
**Spiliopoulou, M., Y. Cotronis** and **M. Hatzopoulos**, Query processing for multimedia applications on optical media 53 (1995) 301
**Spilker, H.**, *see* **Wätjen, D.** 59 (1996) 13
**Spinrad, J.P.**, *see* **Oellermann, O.** 55 (1995) 149
**Spirakis, P.**, *see* **Kirousis, L.M.** 58 (1996) 47
**Sprague, A.P.**, *see* **Corneil, D.G.** 55 (1995) 99
**Sprugnoli, R.**, *see* **Merlini, D.** 57 (1996) 53
**Sridharan, K., H.E. Stephanou, K.C. Craig** and **S.S. Keerthi**, Distance measures on intersecting objects and their applications 51 (1994) 181
**Srimani, P.K.**, *see* **Vadapalli, P.** 54 (1995) 329
**Srimani, P.K.**, *see* **Vadapalli, P.** 57 (1996) 183
**Srinivasan, A., K. Madhukar, P. Nagavamsi, C. Pandu Rangan** and **M.-S. Chang**, Edge domination on bipartite permutation graphs and cotriangulated graphs 56 (1995) 165
**Srinivasan, B.**, *see* **Malhotra, V.M.** 58 (1996) 201
**Stafylopatis, A.**, *see* **Likas, A.** 53 (1995) 229
**Staiger, L.**, Codes, simplifying words, and open set condition 58 (1996) 297
**Stănică, P.**, *see* **Cusick, T.W.** 60 (1996) 215
**Ştefănescu, Gh.**, *see* **Bergstra, J.A.** 52 (1994) 285
**Steiger, W.** and **I. Streinu**, A pseudo-algorithmic separation of lines from pseudo-lines 53 (1995) 295
**Stephanou, H.E.**, *see* **Sridharan, K.** 51 (1994) 181
**Sterbini, A.**, *see* **Petreschi, R.** 56 (1995) 65
**Sterbini, A.**, *see* **Petreschim, R.** 54 (1995) 193
**Stewart, L.**, *see* **Corneil, D.G.** 54 (1995) 253
**Stinson, D.R.**, *see* **Gopalakrishnan, K.** 60 (1996) 91
**Stirk, C.**, *see* **Eades, P.** 60 (1996) 97
**Storer, J.A.**, *see* **De Agostino, S.** 59 (1996) 169
**Storlind, R.**, *see* **Aspvall, B.** 57 (1996) 89
**Streinu, I.**, *see* **Steiger, W.** 53 (1995) 295
**Su, J.**, *see* **Dong, G.** 57 (1996) 95
**Subramanian, A.**, A polynomial bound on the number of light cycles in an undirected graph 53 (1995) 173
**Subramanian, A.**, A polynomial bound on the number of light cycles in an undirected graph (*Erratum*) 54 (1995) 247
**Sugihara, K.** and **H. Inagaki**, Why is the 3D Delaunay triangulation difficult to construct? 54 (1995) 275
**Sun, H.-M.** and **S.-P. Shieh**, On dynamic threshold schemes 52 (1994) 201
**Sun, Y.**, Term rewriting and Hoare logic – Coded rewriting 60 (1996) 237
**Sundaram, G.**, *see* **Mitchell, J.S.B.** 56 (1995) 45
**Sundaram, R.**, *see* **Russell, A.** 53 (1995) 61
**Sunder, S.**, *see* **Ramnath, S.** 57 (1996) 321
**Suraweera, F.**, *see* **Venema, S.** 60 (1996) 243
**Swaminathan, R.P., D. Giriraj** and **D.K. Bhatia**, The pagenumber of the class of bandwidth-$k$ graphs is $k-1$ 55 (1995) 71
**Swaminathan, R.P.**, *see* **Schlipf, J.S.** 54 (1995) 133
**Symvonis, A.**, Routing on trees 57 (1996) 215
**Szepietowski, A.**, The element distinctness problem on one-tape Turing machines 59 (1996) 203
**Szpankowski, W.**, *see* **Fudos, I.** 57 (1996) 307

**Szwarcfiter, J.L.** and **G. Chaty**, Enumerating the kernels of a directed graph with no odd circuits 51 (1994) 149
**Szymacha, T.**, *see* **Plandowski, W.** 59 (1996) 267

**Ta-Shma, A.**, A note on *PCP* vs. *MIP* 58 (1996) 135
**Tai, W.-C.**, *see* **Laih, C.-S.** 53 (1995) 243
**Takagi, N.**, *see* **Ito, M.** 60 (1996) 267
**Tamir, A.**, *see* **Hassin, R.** 53 (1995) 109
**Tan, K.-L.** and **H. Lu**, Workload scheduling for multiple query processing 55 (1995) 251
**Tan, K.-P.**, *see* **Ang, C.-H.** 53 (1995) 85
**Tan, X.** and **X. Song**, Hexagonal three-layer channel routing 55 (1995) 223
**Tanaka, K.**, **T. Nishino** and **R. Beals**, Negation-limited circuit complexity of symmetric functions 59 (1996) 273
**Tang, C.Y.**, *see* **Tsai, Y.T.** 51 (1994) 275
**Tang, D.**, *see* **Leung, H.** 55 (1995) 279
**Tavares, S.E.**, *see* **Youssef, A.M.** 56 (1995) 249
**Tavares, S.E.**, *see* **Youssef, A.M.** 60 (1996) 271
**Tejel, J.**, *see* **García, A.** 60 (1996) 13
**The Eindhoven Tuesday Afternoon Club**, Constructing the Galois adjoint 53 (1995) 137
**Thierauf, T.**, *see* **Mahajan, M.** 51 (1994) 7
**Thirusangu, K.** and **K. Rangarajan**, A note on the construction of marked graphs 55 (1995) 211
**Thomas, S.**, Garbage collection in shared-environment closure reducers: Space-efficient depth first copying using a tailored approach 56 (1995) 1
**Thorup, M.**, *see* **Farach, M.** 55 (1995) 297
**Togashi, A.**, *see* **Kimura, S.** 58 (1996) 97
**Tokuda, T.** and **Y. Watanabe**, An attribute evaluation of context-free languages 52 (1994) 91
**Tokuda, T.** and **Y. Watanabe**, An efficient semantic evaluator for warped LC(1) attributed grammars 53 (1995) 269
**Tokunaga, S.-i.**, Intersection number of two connected geometric graphs 59 (1996) 331
**Tomkins, A.**, Lower bounds for two call control problems 56 (1995) 173
**Topor, R.**, *see* **Chen, S.D.** 52 (1994) 35
**Toussaint, G.T.**, *see* **Iwamoto, C.** 52 (1994) 183
**Trevisan, L.**, A note on minimum-area upward drawing of complete and Fibonacci trees 57 (1996) 231
**Tromp, J.** and **J. Shallit**, Subword complexity of a generalized Thue–Morse word 54 (1995) 313
**Trystram, D.**, *see* **Błażewicz, J.** 58 (1996) 255
**Tsai, Y.T.**, **C.Y. Tang** and **Y.Y. Chen**, Average performance of a greedy algorithm for the on-line minimum matching problem on Euclidean space 51 (1994) 275
**Tsakalidis, A.**, *see* **Kitsios, N.** 60 (1996) 195
**Tseng, Y.-C.**, Embedding a ring in a hypercube with both faulty links and faulty nodes 59 (1996) 217
**Tseng, Y.-M.**, *see* **Jan, J.-K.** 60 (1996) 261
**Tsigas, P.**, *see* **Kirousis, L.M.** 58 (1996) 47
**Tsujii, S.**, *see* **Kurosawa, K.** 53 (1995) 77
**Tu, F.-K.**, *see* **Laih, C.-S.** 53 (1995) 243
**Tu, H.-C.** and **C.H. Smith**, Training digraphs 53 (1995) 185
**Tuan, T.-C.**, *see* **Jwo, J.-S.** 51 (1994) 233
**Turán, G.** and **F. Vatan**, A size-depth trade-off for the analog computation of Boolean functions 59 (1996) 251
**Tzeng, W.-G.**, On path equivalence of nondeterministic finite automata 58 (1996) 43

**Uehara, R.**, Efficient simulations by a biased coin 56 (1995) 245
**Unger, W.**, *see* **Igarashi, Y.** 51 (1994) 35
**Upfal, E.**, *see* **Broder, A.Z.** 56 (1995) 79
**Urrutia, J.**, *see* **Abellanas, M.** 57 (1996) 165
**Urrutia, J.**, *see* **Boland, R.P.** 53 (1995) 177
**Urrutia, J.**, *see* **Boland, R.P.** 54 (1995) 359
**Urrutia, J.**, *see* **Estivill-Castro, V.** 56 (1995) 9
**Ustimenko, A.P.**, Algebra of two-level cause-effect structures 59 (1996) 325
**Utard, G.** and **G. Hains**, Deadlock-free absorption of barrier synchronisations 56 (1995) 221

**Vaandrager, F.**, *see* **Romijn, J.** 59 (1996) 245
**Vadapalli, P.** and **P.K. Srimani**, Trivalent Cayley graphs for interconnection networks 54 (1995) 329
**Vadapalli, P.** and **P.K. Srimani**, Shortest routing in trivalent Cayley graph network 57 (1996) 183
**Valmari, A.**, The weakest deadlock-preserving congruence 53 (1995) 341
**Valois, J.D.**, A 3-valued wakeup protocol 55 (1995) 89
**Van Dal, R.**, *see* **Deïneko, V.G.** 51 (1994) 141
**Van den Bussche, J.**, *see* **Otto, M.** 60 (1996) 37
**Van Kreveld, M.**, *see* **De Berg, M.** 52 (1994) 215
**Van Vliet, A.**, *see* **Chen, B.** 51 (1994) 219
**Varghese, G.**, **R. Chamberlain** and **W.E. Weihl**, Deriving global virtual time algorithms from conservative simulation protocols 54 (1995) 121
**Vasconcelos, V.T.**, Unification of kinded infinite trees 55 (1995) 323
**Vatan, F.**, *see* **Turán, G.** 59 (1996) 251
**Veanes, M.** and **J. Barklund**, On the number of edges in cycletrees 57 (1996) 225
**Veanes, M.** and **J. Barklund**, Construction of natural cycletrees 60 (1996) 313
**Veloso, P.A.S.** and **T.S.E. Maibaum**, On the Modularization Theorem for logical specifications 53 (1995) 287
**Veloso, P.A.S.**, On pushout consistency, modularity and interpolation for logical specifications 60 (1996) 59
**Venema, S.**, **H. Shen** and **F. Suraweera**, NC algorithms for the Single Most Vital Edge problem with respect to shortest paths 60 (1996) 243
**Venkatesan, G.** and **C. Pandu Rangan**, Approximate triclique coloring for register allocation 60 (1996) 249
**Venkatesan, G.**, *see* **Madanlal, M.S.** 59 (1996) 97
**Verri, M.C.**, *see* **Merlini, D.** 57 (1996) 53
**Vesper, T.**, *see* **Desel, J.** 54 (1995) 327
**Vilar, J.M.**, Reducing the overhead of the AESA metric-space nearest neighbour searching algorithm 56 (1995) 265
**Vinodchandran, N.V.**, *see* **Mahajan, M.** 51 (1994) 7
**Vinodchandran, N.V.**, *see* **Mahajan, M.** 55 (1995) 27
**Vishkin, U.**, *see* **Khuller, S.** 52 (1994) 239

**Viswanathan, S., É. Czabarka and A. Sengupta**, On fault-tolerant embedding of Hamiltonian circuits in line digraph interconnection networks 57 (1996) 265
**Viswanathan, S.,** *see* **Sengupta, A.** 51 (1994) 93
**Vitter, J.S.,** *see* **Howard, P.G.** 59 (1996) 65
**Vleugels, J.,** *see* **Schwarzkopf, O.** 60 (1996) 121
**Vogler, W.**, Fairness and partial order semantics 55 (1995) 33
**Volpano, D.M.**, Lower bounds on type checking overloading 57 (1996) 9
**Volpano, D. and G. Smith**, A type soundness proof for variables in LCF ML 56 (1995) 141
**Von Karger, B. and C.A.R. Hoare**, Sequential calculus 53 (1995) 123
**Von Stengel, B.,** *see* **Fränzle, M.** 53 (1995) 5
**Von Stengel, B.,** *see* **Albers, S.** 56 (1995) 135
**Von Wright, J.,** *see* **Back, R.J.R.** 53 (1995) 165

**Wagh, M.D. and J. Mo**, Hamilton cycles in Trivalent Cayley graphs 60 (1996) 177
**Wagner, F.**, Approximate Map Labeling is in $\Omega(n \log n)$ 52 (1994) 161
**Walle, T.,** *see* **Keller, J.** 55 (1995) 195
**Walter, R.,** *see* **Desel, J.** 54 (1995) 327
**Wang, J.**, Some results on selectivity and self-reducibility 55 (1995) 81
**Wang, J.S.,** *see* **Peng, C.H.** 52 (1994) 77
**Wang, X. and Q. Fu**, A frame for general divide-and-conquer recurrences 59 (1996) 45
**Wang, Y.-L., H.-C. Chen and C.-Y. Lee**, An O(log n) parallel algorithm for constructing a spanning tree on permutation graphs 56 (1995) 83
**Wang, Y.-L.,** *see* **Ho, T.-Y.** 59 (1996) 103
**Watanabe, O.,** *see* **Rao, R.P.N.** 52 (1994) 175
**Watanabe, Y.,** *see* **Tokuda, T.** 52 (1994) 91
**Watanabe, Y.,** *see* **Tokuda, T.** 53 (1995) 269
**Wätjen, D. and H. Spilker**, Decidability results concerning $k$-limited EDOL systems 59 (1996) 13
**Watson, K.,** *see* **Nagumo, H.** 59 (1996) 91
**Wegener, I.**, On the complexity of encoding in analog circuits 60 (1996) 49
**Wegener, I.,** *see* **Bollig, B.** 59 (1996) 233
**Wehrheim, H.,** *see* **Goltz, U.** 59 (1996) 179
**Wei, W.-D.,** *see* **Leung, J.Y.-T.** 56 (1995) 51
**Weihl, W.E.,** *see* **Varghese, G.** 54 (1995) 121
**Weiss, M.A.**, Linear-time construction of treaps and Cartesian trees 52 (1994) 253
**Weiss, M.A.**, A note on construction of treaps and Cartesian trees 54 (1995) 127
**Wen, Z.**, New algorithms for the LCA problem and the binary tree reconstruction problem 51 (1994) 11
**Werchner, R.,** *see* **Albers, S.** 56 (1995) 135
**Werth, J.,** *see* **Jain, R.** 54 (1995) 163
**Westbrook, J. and D. Yan**, Linear bounds for on-line Steiner problems 55 (1995) 59
**Westbrook, J.,** *see* **Reingold, N.** 60 (1996) 75
**Whitesides, S.,** *see* **Eades, P.** 60 (1996) 97
**Widmayer, P.,** *see* **Roos, T.** 52 (1994) 109
**Wijshoff, H.A.G.,** *see* **Juurlink, B.H.H.** 58 (1996) 303
**Williamson, D.P.,** *see* **Henzinger, M.** 59 (1996) 41
**Wilsey, P.A.,** *see* **Young, C.H.** 59 (1996) 191
**Wilson, J.N.,** *see* **Shi, H.** 55 (1995) 137
**Wittmüss, A.,** *see* **Fränzle, M.** 53 (1995) 5
**Woeginger, G.J.**, Scheduling with time-dependent execution times 54 (1995) 155
**Woeginger, G.J.,** *see* **Chen, B.** 51 (1994) 219
**Woeginger, G.J.,** *see* **Deĭneko, V.G.** 59 (1996) 295
**Woeginger, G.J.,** *see* **Mitchell, J.S.B.** 56 (1995) 45
**Wolfson, O. and S. Jajodia**, An algorithm for dynamic data allocation in distributed systems 53 (1995) 113
**Wong, L.,** *see* **Libkin, L.** 56 (1995) 209
**Wuu, H.-P.,** *see* **Lu, E.-H.** 51 (1994) 117
**Wuu, H.-P.,** *see* **Lu, E.-H.** 52 (1994) 341

**Xu, D.,** *see* **Estivill-Castro, V.** 56 (1995) 9
**Xue, Q.**, On a class of square-free graphs 57 (1996) 47

**Yajima, S.,** *see* **Ito, M.** 60 (1996) 267
**Yamasaki, H.,** *see* **Moriya, T.** 59 (1996) 165
**Yan, D.,** *see* **Westbrook, J.** 55 (1995) 59
**Yan, J.-H. and G.J. Chang**, The path-partition problem in block graphs 52 (1994) 317
**Yan, J.-T. and P.-Y. Hsiao**, A fuzzy clustering algorithm for graph bisection 52 (1994) 259
**Yanbe, A. and K. Sakurai**, A short certificate of the number of universal optimal strategies for stopping simple stochastic games 57 (1996) 17
**Yang, B.-T.**, A better subgraph of the minimum weight triangulation 56 (1995) 255
**Yang, C.-B.,** *see* **Shiau, S.-H.** 60 (1996) 81
**Yang, W.-P.,** *see* **Hwang, S.-J.** 58 (1996) 189
**Yao, X.**, A note on neural sorting networks with O(1) time complexity 56 (1995) 253
**Yap, C.,** *see* **Chang, E.-C.** 55 (1995) 155
**Yen, H.-C.**, A note on fine covers and iterable factors of VAS languages 56 (1995) 237
**Yen, I.-L.**, A highly safe self-stabilizing mutual exclusion algorithm 57 (1996) 301
**Young, C.H. and P.A. Wilsey**, A distributed method to bound rollback lengths for fossil collection in time warp simulators 59 (1996) 191
**Youssef, A.M. and S.E. Tavares**, Resistance of balanced s-boxes to linear and differential cryptanalysis 56 (1995) 249
**Youssef, A.M. and S.E. Tavares**, Comment on "Bounds on the number of functions satisfying the Strict Avalanche Criterion" 60 (1996) 271
**Yu, X.**, A new solution for Thue's problem 54 (1995) 187
**Yu, Y.T.,** *see* **Chen, T.Y.** 57 (1996) 145

**Zheng, Y.**, On key agreement protocols based on tamper-proof hardware 53 (1995) 49
**Zhou, X., N. Nagai and T. Nishizeki**, Generalized vertex-rankings of trees 56 (1995) 321
**Zimand, M.**, A High-Low Kolmogorov Complexity Law equivalent to the 0-1 Law 57 (1996) 59
**Zimmermann, R.,** *see* **Ghandeharizadeh, S.** 57 (1996) 75
**Zissimopoulos, V.**, On the performance guarantee of neural networks for NP-hard optimization problems 54 (1995) 317
**Zwick, U.**, On the number of ANDs versus the number of ORs in monotone Boolean circuits 59 (1996) 29